Pioneer

No compromise.
No limits.

In-car Entertainment Guide 2008

Pioneer
BT HANDS FREE

Contents

NAVIGATION & MULTIMEDIA
6-19

HEADUNITS
20-41

PRS - PIONEER REFERENCE SERIES
42-57

AMPLIFIERS & SUBWOOFERS
58-77

SPEAKERS
78-107

FEATURES & SPECIFICATIONS
108-125

GLOSSARY
126-127

Cutting-edge technology.
Priceless fascination.

Pioneer's refreshingly innovative product line-up connects you to your passion. Create your own in-car comfort zone where you can enjoy impeccable sound quality and eye-catching, stylish designs. You're spoilt for choice: fully-functional navigation equipment, technologically advanced headunits, innovative speakers, and so much more. The end result is an all-round multimedia experience, where nothing but the best can satisfy, and the only roadblock is your imagination.

9999
CA-107 Manchester Str
Pioneer
A/C

INTEGRATION

A perfect fit

With Pioneer’s vast line-up for 2008, you’re bound to find a solution that perfectly suits your needs and integrates smoothly into your car. Our speaker systems, headunits and NavGate in-car navigation and entertainment systems are especially designed for hassle-free installation. Furthermore, thanks to a wide range of accessories – from steering wheel remote control adapters to fascia plates and OEM display output interfaces – you’ll be on your way with the absolute minimum of fuss.

Get connected

Welcome to the era of total connectivity. Use the IP-Bus, USB and Aux-in connections and hook up anything from an iPod to a USB/SD audio device or multi-DVD player. Or enjoy Bluetooth® wireless telephony and audio streaming. You can even control these devices directly from certain headunits. The possibilities are so vast, you’ll be lost for words.

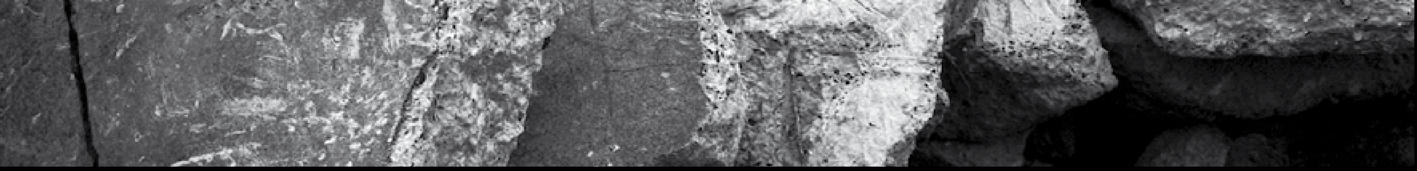
CONNECTIVITY

AV Source
Rear View
Disc
FM
AV1

A true in-car entertainment hub

Convert your car into a mobile entertainment centre and make full use of Pioneer’s stunning multi-codec AV entertainment capabilities. Mix and match from an outstanding array of multimedia solutions to enjoy your favourite file and disc formats. Play back your MP3, MPEG4, WMA, WAV, AAC and DivX files from CD/DVD, USB/SD or iPod. You have all tools at hand to reinvent your in-car entertainment system.

MULTI-FORMAT



Your ears will love you for it

While the Pioneer Reference Series (PRS) is the natural choice for discerning audiophiles, also the revamped Class-D amplifiers produce remarkably accurate, distortion-free sound. The new Open & Smooth™ speaker technology offers you the illusion of a live stage performance. To guarantee the clearest sound even from compressed audio files, the Advanced Sound Retriever restores harmonics to their original quality.

SOUND QUALITY

DESIGNS

Make a statement of individuality

What is outstanding on the inside needs to be reflected on the outside. With a choice of sophisticated, modern or edgy designs, our 2008 line-up will surely appeal to your taste. What's more, some of our models even let you add a personal touch by separately customising the start-up screen as well as the display and button colours. Whatever your style, you can build the entire in-car entertainment system you've always imagined.

The power to win

SPL competitions throughout the world continue to be dominated by Pioneer's record-breaking amps and subs. It's no surprise, because Pioneer's engineers continually push back the technological frontiers to produce more powerful sound with less distortion. Also in sound quality competitions Pioneer strives to be the best. You too can share in Team Pioneer's success, and design and fine-tune your car to create the most ideal sound environment.

AUDIO TUNING

Faultless accuracy.
Perfect integration.

Navigation & Multimedia

With one of Pioneer's advanced AV/Navi units in your car, you will wish that your car journeys were always longer. Throughout the journey, their wealth of AV entertainment possibilities gives you maximum fun on the way. The all-embracing Pan-European navigation capabilities of our NavGate navigation units provide unerring, stress-free route guidance to your destination. Wherever you go, this is the Pioneer way of getting there.

MENU
MAP
Top Menu
Destination
Contacts
AV Source
Phone
Settings
Pioneer

AVIC-F900BT

Navigation DVD System

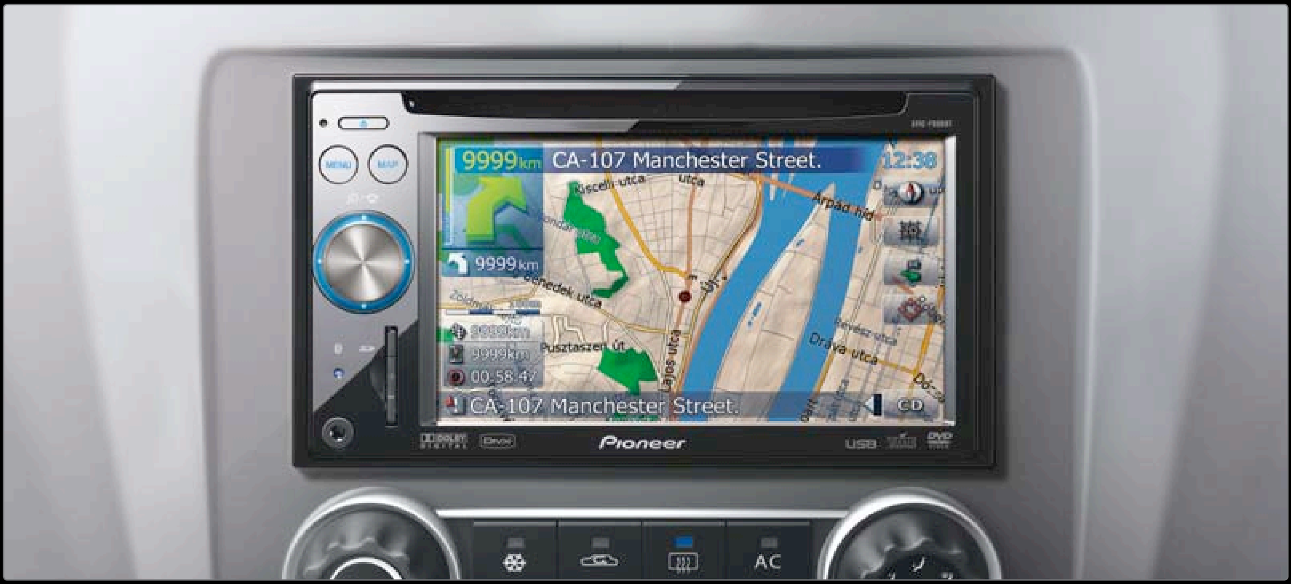
AVIC-F900BT

NAVIGATION DVD AV HEADUNIT

Made for iPod

MOSFET 50W x 4 · D4Q · RDS · RADIO TEXT · iPod DIRECT CONTROL · HIGH/LOW PASS FILTER · REAR USB · FRONT AUX IN · 3 RCA PRE-OUTS · DIRECT SUB DRIVE · SLA · 3 BAND PEQ

Bluetooth® · Parrot · USB · SD · TMC · DVD VIDEO · DOLBY DIGITAL · MP3 · MPEG4 · WAV · Plays Windows Media™ · AAC · DivX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9999km
00:58:47
CA-107 Manchester Street.
CD
MENU
MAP
Pioneer
AC

The AVIC-F900BT is a fully-integrated audio, video and navigation system that comes in a 2-DIN format and stores map data for the whole of Europe in its 2 GB Flash memory. Add Points of Interest (POI) or play audio and video files that you've stored on an SD Memory Card or USB device. The AVIC-F900BT plays all your favourite file and disc formats, including CD, DVD and DivX, and is equipped with an attractively designed 5.8-inch WVGA touch screen. The AVIC-F900BT has 3 RCA pre-outs, enabling you to connect external amplifiers as well as additional speakers and subwoofers. Its finishing touch is integrated Parrot Bluetooth® wireless telephony.

KEY FEATURES

THE ALL-AND-MORE SOLUTION

- Full navigation & entertainment system
- Full integration in standard double headunit slot (2-DIN)
- MOSFET 50 W x 4 amplifier
- RGB (multi-colour) key illumination

EXPLORE

- Multi-sensor for precision navigation
- RDS-TMC tuner for real-time traffic info
- The whole of Europe stored in the 2 GB Flash memory
- 33 European countries
- 8.4 million kilometres of roads
- 1.5 million POIs
- 3D elevation and more than 1000 3D landmarks
- NavGate Feeds PC application for custom POIs & Drive Report
- Text-To-Speech (TTS) voice guidance, which announces detailed information such as city names

ENTERTAIN

- Simultaneous navigation and AV entertainment for rear screen
- MP3/WMA/AAC/WAV/MPEG4/JPEG on SD/USB (JPEG for start-up screen customisation)
- DVD-Video/DivX/MP3/WMA/AAC on DVD-R/DVD-RW
- DivX/MP3/WMA/AAC on CD-R/CD-RW
- iPod Music/Video Direct Control (via optional CD-IU230V)
- D4Q digital AM/FM tuner
- Front Aux-in for audio and video
- Rear USB-in

CONTROL

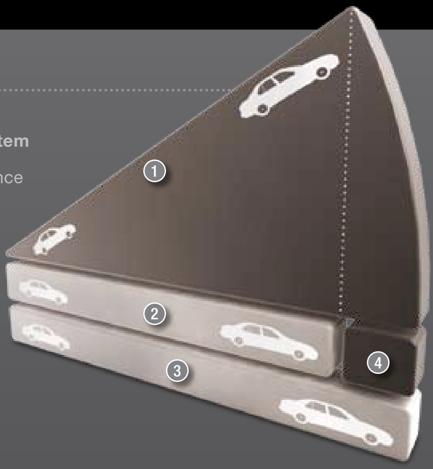
- Parrot Bluetooth® wireless telephony
- 5.8-inch high-resolution WVGA touch panel operation
- Multifunctional rotary commander
- SD Memory Card slot
- Input for optional back-up camera

The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

3D GYRO SENSOR PRECISION

Pioneer's AVIC satellite navigation units are renowned for their precision. The AVIC-HD3II and AVIC-X3II's unique and innovative built-in 3D Gyro Sensor connects to the speed pulse wire of your car. This allows the navigation system to take measurements in three directions: height (up/down), speed (distance) and direction (left/right). The sensor calculates inclines and detects special road features such as tunnels. As a result, the parameters given by your AVIC navigation unit are very precise.

Another advantage with the AVIC-F900BT, AVIC-HD3II and AVIC-X3II is that when you are driving in an area with poor satellite reception – for example between high buildings, up in the mountains or in a parking garage – the system automatically calculates in all your car's parameters to keep track of where you are, even when reception has been compromised.



3D Gyro Sensor Measurement System

(For travelling distance on a map)

① Real travelling distance

② With normal Gyro Sensor

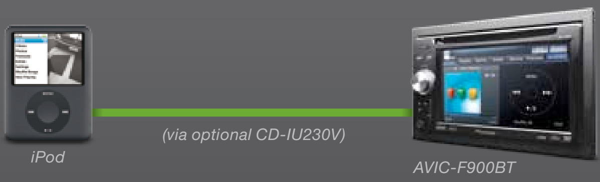
③ With 3D Gyro Sensor

④ Tolerance

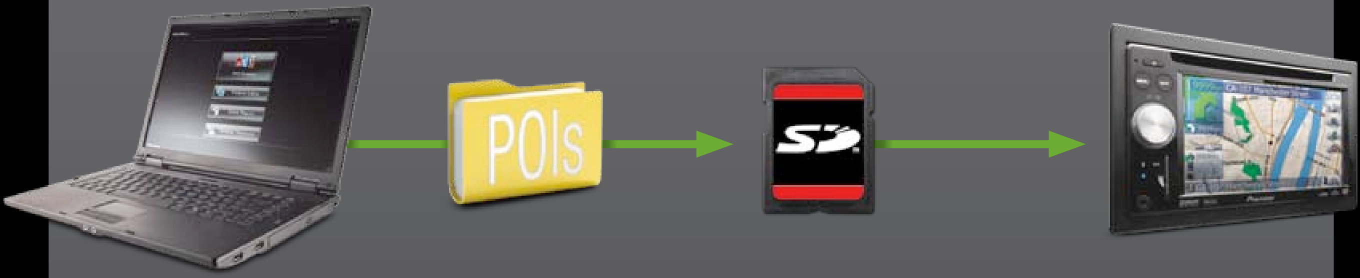
iPod DIRECT CONTROL

Enjoy your full iPod music and video collection in your car without the need for an additional adapter. Simply hook up your iPod to the AVIC-F900BT, AVIC-F700BT and AVIC-F500BT's USB-in terminal using the optional iPod-to-USB interface cable (CD-IU230V or CD-IU200VM) and enjoy your favourite music and videos on the go. These three NavGate units are capable of displaying album cover art during playback, providing that your iPod has this feature. Connecting your iPod to the AVIC-X3II requires the optional CD-I200 interface cable. The iPod can be controlled from your navigation unit's touch panel. What's more, when hooked up, the headunit doubles as a battery charger for the iPod.

Note: A chart showing iPod compatibility with Pioneer units can be found on page 40.
For more information, please consult our website at www.pioneer.co.uk



ENHANCE YOUR RIDE WITH NavGate Feeds



The AVIC-F900BT, AVIC-F700BT and AVIC-F500BT offer new ways to enhance your in-car navigation and entertainment experience. The NavGate Feeds PC application, which can be downloaded from the Internet, provides you with a range of convenient functions. When you find places of interest on the web, such as restaurants, hotels, sports clubs and camping areas, you can send them to your NavGate unit via an SD card or USB stick, so that you will always have updated information, additional to the POI data embedded in the map. 'Drive Report' provides an overview of the journeys you've made and the number of kilometres you've travelled; handy when you need to calculate your travel expenses. What's more, using 'Picture Editor' you can customise your start-up screen by uploading pictures.

For full features and specifications, please see page 108.

Navigation CD System

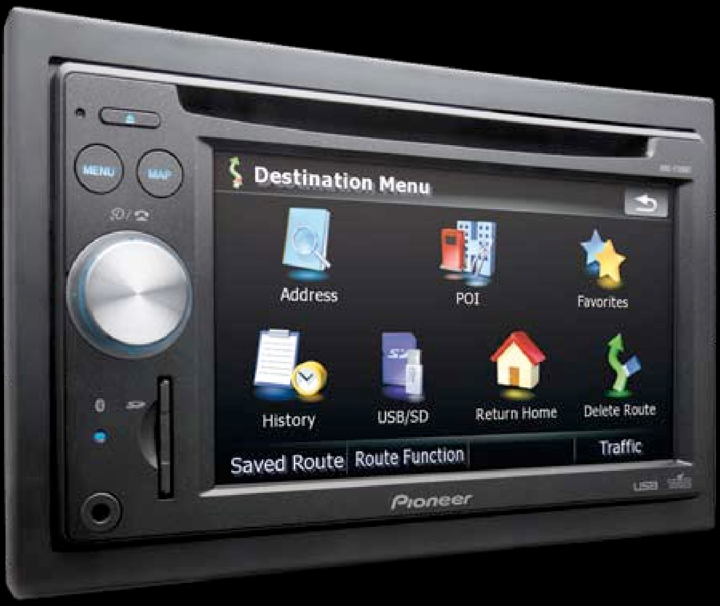
AVIC-F700BT

NAVIGATION CD AV HEADUNIT

Made for iPod

MOSFET 50W x 4 · D4Q · RDS · RADIO TEXT · iPod DIRECT CONTROL · HIGH/LOW PASS FILTER · REAR USB · FRONT AUX IN · 1 RCA PRE-OUT · DIRECT SUB DRIVE · SLA · 3 BAND PEQ

Bluetooth® · Parrot · USB · SD · TMC · MP3 · MPEG4 · Plays Windows Media™ · WAV · AAC



navGate With the complete European road network stored in its 2 GB Flash memory, this 2-DIN integrated audio, video and navigation system is your ideal travelling companion. Its stylish 5.8-inch WVGA touch screen is supported by a USB-in terminal and iPod Direct Control. Another key feature of the AVIC-F700BT is playback of video and MP3 files that have been copied onto an SD card or USB device. Furthermore, integrated Parrot Bluetooth® wireless telephony enables you to safely use your mobile phone hands-free.

KEY FEATURES

THE ALL-AND-MORE SOLUTION

- Full navigation & entertainment system
- Full integration in standard double headunit slot (2-DIN)
- MOSFET 50 W x 4 amplifier
- RGB (multi-colour) key illumination

EXPLORE

- RDS-TMC tuner for real-time traffic info
- The whole of Europe stored in the 2 GB Flash memory
- 33 European countries
- 8.4 million kilometres of roads
- 1.5 million POIs
- 3D elevation and more than 1000 3D landmarks
- NavGate Feeds PC application for custom POIs & Drive Report
- Text-To-Speech (TTS) voice guidance, which announces detailed information such as city names

ENTERTAIN

- Simultaneous navigation and audio entertainment
- iPod Music/Video Direct Control (via optional CD-IU230V)
- D4Q digital AM/FM tuner
- MP3/WMA/AAC/WAV/MPEG4/JPEG on SD/USB (JPEG for start-up screen customisation)
- MP3/WMA/AAC on CD-R/CD-RW
- Front Aux-in for audio and video
- Rear USB-in

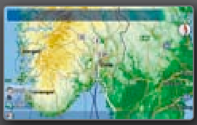
CONTROL

- Parrot Bluetooth® wireless telephony
- 5.8-inch high-resolution WVGA touch panel operation
- Multifunctional rotary commander
- SD Memory Card slot
- Input for optional back-up camera

The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

3D LANDMARK INTEGRATION & 3D ELEVATION

Now, more than 1000 of Europe's most famous landmarks, such as the Eiffel Tower in Paris and the Colosseum in Rome, have been included in the navigation software for the AVIC-F900BT, AVIC-F700BT, AVIC-F500BT and AVIC-HD3II. What's more, the 3D elevation feature* visualises the relief of the surrounding area, which is convenient when driving through mountainous regions.

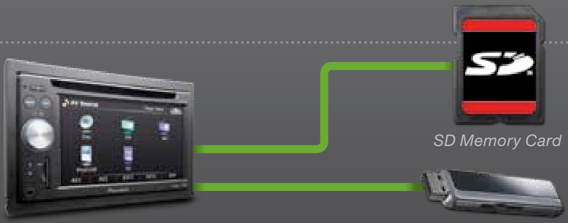


3D elevation example

** Not available for the AVIC-HD3II.*

DIRECT USB/SD CONNECTIVITY

Using the integrated rear USB-in terminal and SD card slot, it takes only seconds to expand your system with a USB stick with AV content, a USB audio player or an SD card and play your compressed audio or video files. Controlling these devices can be done directly from the touch panel of the AVIC-F900BT, AVIC-F700BT and AVIC-F500BT.



AVIC-F700BT

SD Memory Card

USB stick or USB audio player

PIONEER'S PERFECT-FIT

AVIC-F900BT

AVIC-F500BT

Pioneer's AVIC units fit the design of your car's interior and can be smoothly installed in any car. Once installed, the 1-DIN and 2-DIN models hardly protrude from your dashboard. The AVIC-F500BT can be mounted on your dashboard, and can easily be detached to be used in a second car.

For your peace of mind, the AVIC units have even been fitted with anti-theft protection. Once the battery has been disconnected, they require a password to start up again. To make things even better, they can be easily controlled via your car's own hard-wired remote control with an optional remote control adapter*.

** Not available for the AVIC-F500BT.*

Note: Custom-fit kits are available via Pioneer installation specialists.
Check the compatibility with your car and the numerous installation possibilities of the AVIC units at www.pioneer.co.uk

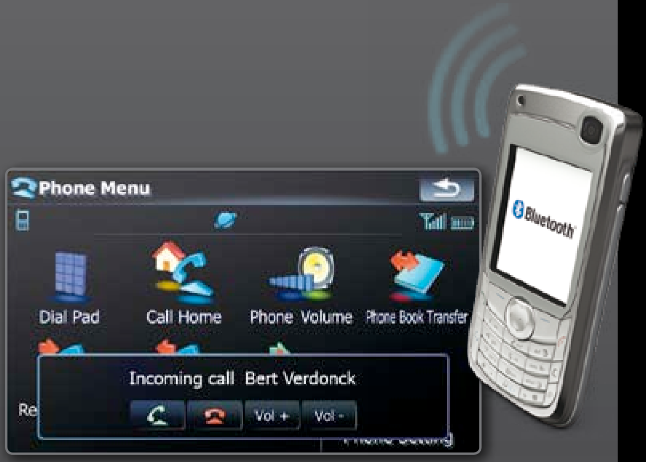
PARROT BLUETOOTH® WIRELESS TECHNOLOGY

The AVIC-F900BT, AVIC-F700BT and AVIC-F500BT come with built-in Parrot Bluetooth® wireless technology, which means they will connect to your Bluetooth®-enabled mobile phone* while you are in your car. Simply leave your mobile phone in your pocket or handbag, and access the phone's functionalities from your headunit's touch panel. You can choose to automatically synchronise your phonebook, which gives you easy access to your contacts through your unit's touch panel. A total of 3 mobile phones can be registered, and up to 300 contacts can be stored for each registered phone (for privacy, only the driver's phone contacts are displayed). What's more, these NavGate units' telephony seamlessly integrates with their navigation capabilities, allowing you to select POIs and call them directly, without having to look up their contact details.

Because the AVIC-F900BT, AVIC-F700BT and AVIC-F500BT incorporate Parrot Bluetooth® wireless technology, you can download upgrades for your Bluetooth® module from Parrot, via the Pioneer website (www.pioneer.co.uk). Your navigation system can then be upgraded via an SD card or USB stick. Easy!

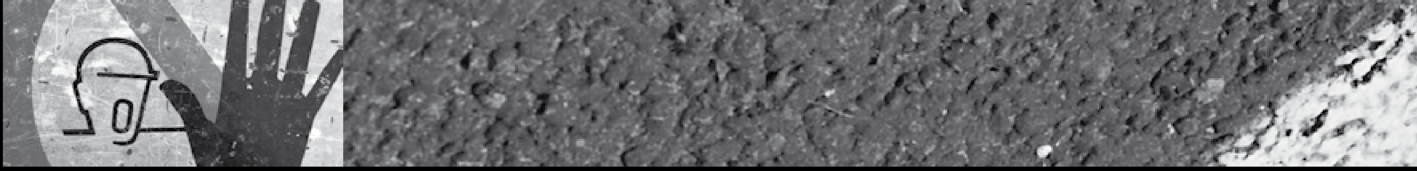
** Find out whether your mobile phone is compatible at www.pioneer.co.uk*

Note: The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Pioneer is under license.



Bluetooth® menu

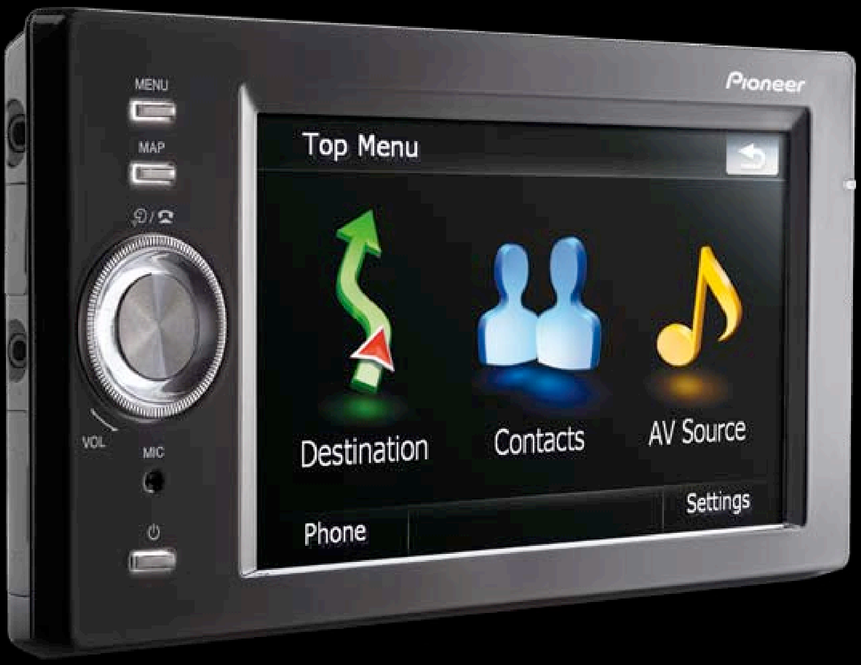
For full features and specifications, please see page 109.



AVIC-F500BT
NAVIGATION GATEWAY SYSTEM

Made for iPod

Bluetooth® Parrot USB SD MP3 MPEG4 WAV AAC MOSFET 50Wx4



The AVIC-F500BT enables you to upgrade your car's original multimedia system with advanced precision navigation and a wealth of connectivity possibilities. It stores the whole of Europe in its 2 GB Flash memory and lets you hook up your video and music source via USB/SD, Bluetooth®-enabled mobile phone and iPod. Thanks to the gateway amplifier you can hear the voice guidance over your car's original speakers. What's more, its display unit can easily be detached for extra flexibility.

KEY FEATURES

THE ALL-AND-MORE SOLUTION

- Full navigation & entertainment system
- 5.8-inch high-resolution WVGA on-dash display
- External Gateway amplifier unit (MOSFET 50 W x 4)
- Customisable start-up screen

EXPLORE

- RDS-TMC tuner for real-time traffic info
- The whole of Europe stored in the 2 GB Flash memory
- 33 European countries
- 8.4 million kilometres of roads
- 1.5 million POIs
- 3D elevation and more than 1000 3D landmarks
- NavGate Feeds PC application for custom POIs & Drive Report
- Text-To-Speech (TTS) voice guidance, which announces detailed information such as city names

ENTERTAIN

- Simultaneous navigation and audio entertainment
- iPod Music/Video Direct Control (via optional CD-IU200VM)
- MP3/WMA/AAC/WAV/MPEG4/JPEG on SD/USB (JPEG for start-up screen customisation)
- Side Aux-in
- Mini USB-in

CONTROL

- Parrot Bluetooth® wireless telephony
- Touch panel operation
- Dedicated hard-key buttons
- SD Memory Card slot
- Input for optional back-up camera

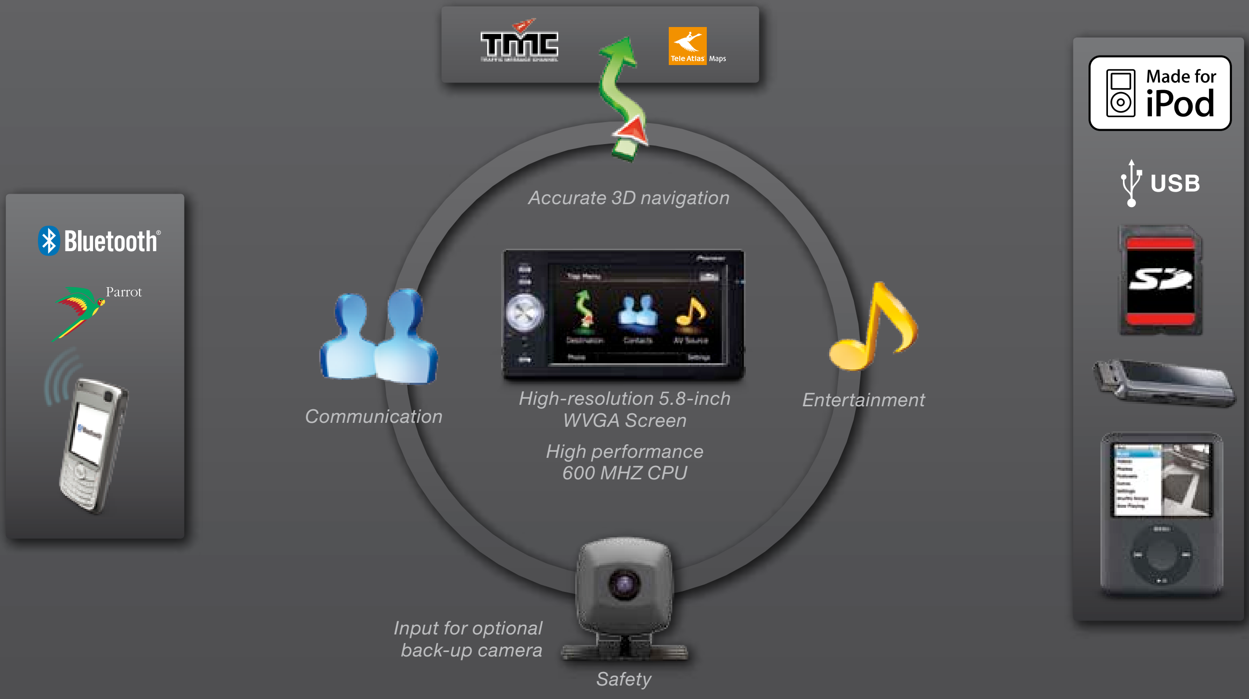
The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

THE NAVIGATION AV UPGRADE CONCEPT

Boasting very attractive features and offering you unique value, the AVIC-F500BT is a revolutionary new product in Pioneer's line-up of AV/Navi units. This navigation AV upgrade system can be effortlessly integrated into your car's existing sound system and enhance your ride like never before. In addition to providing you with unerring 3D navigation throughout 33 European countries, it lets you customise your POIs with the help of NavGate Feeds.

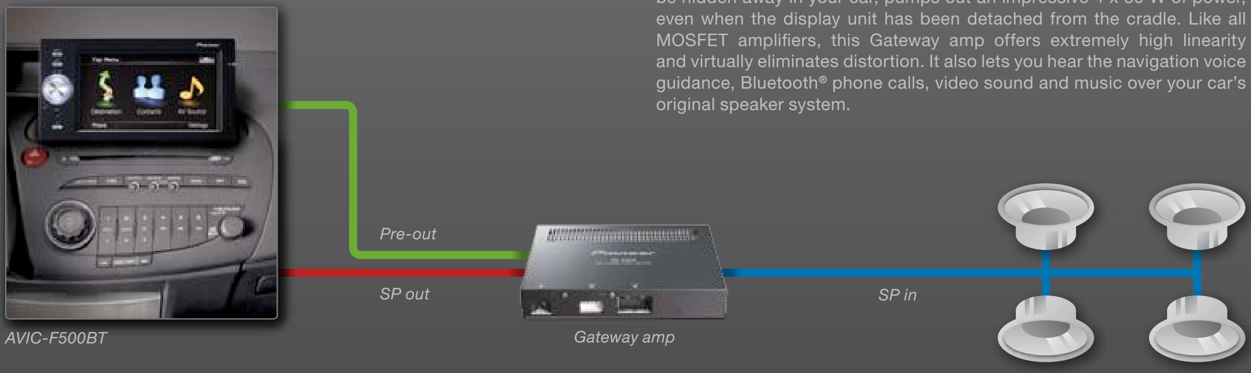
Let's not forget the AV entertainment offering. Take control over your iPod via the optional CD-IU200VM interface cable and play MP3, WMA, WAV, AAC, MPEG4, and JPEG (only for start-up screen customisation) files from a USB source or SD Memory Card. What's more, these external sources can be controlled directly from the high-resolution 5.8-inch WVGA touch panel.

Safety has been thought of too; add an optional back-up camera and keep an eye on the road behind you. Parrot Bluetooth® wireless telephony lets you enjoy the comfort of hands-free calling. To ensure your peace of mind, you can detach the display unit and store it in a safe place.


TMC
Tele Atlas Maps
Made for iPod
USB
Bluetooth
Parrot
Accurate 3D navigation
Communication
High-resolution 5.8-inch WVGA Screen
High performance 600 MHZ CPU
Entertainment
Input for optional back-up camera
Safety

IMPROVE YOUR SOUND SYSTEM

The AVIC-F500BT's external Gateway MOSFET amplifier, which can easily be hidden away in your car, pumps out an impressive 4 x 50 W of power, even when the display unit has been detached from the cradle. Like all MOSFET amplifiers, this Gateway amp offers extremely high linearity and virtually eliminates distortion. It also lets you hear the navigation voice guidance, Bluetooth® phone calls, video sound and music over your car's original speaker system.


Pre-out
SP out
SP in
AVIC-F500BT
Gateway amp

A MOST VERSATILE SOLUTION

As the display unit is lightweight – approximately 450 g, including the battery – and measures only 185 x 98 mm, you can easily take it with you and use it as a portable navigation unit or media player. For added versatility, this portable unit can also be used in a second car.

For full features and specifications, please see page 110.

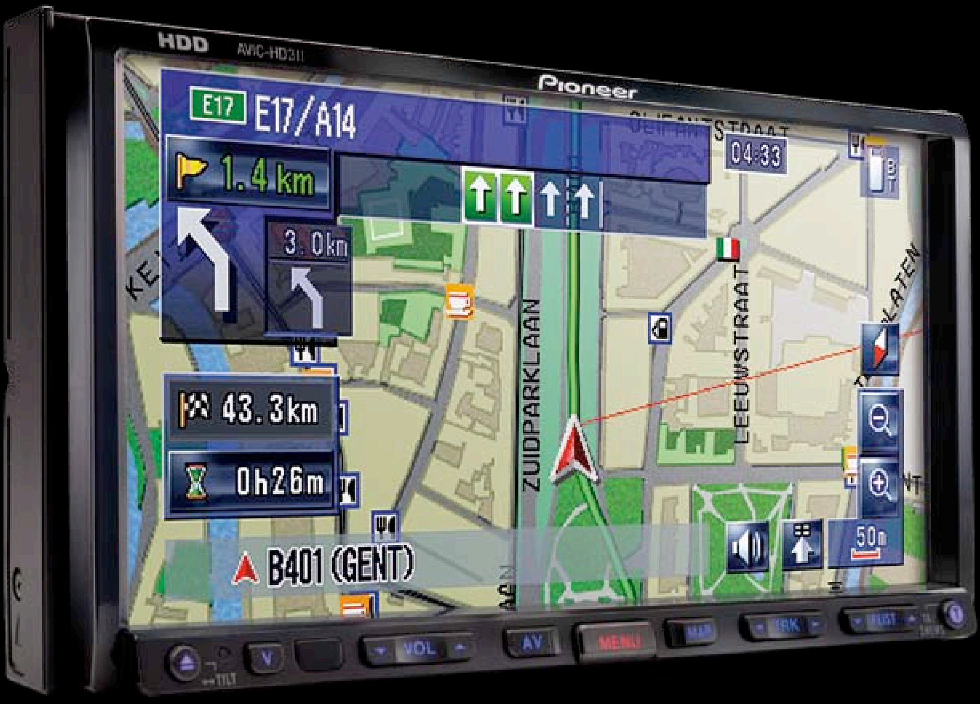
Hard Disk Drive (HDD) Navigation System

AVIC-HD3II

HDD NAVIGATION AV HEADUNIT

HARD DRIVE · MOSFET 50W x 4 · D4Q · RDS · RADIO TEXT · HIGH/LOW PASS FILTER · AMBIANCE SOUND CONTROL · SLA · 3 RCA PRE-OUTS · IP-BUS CONTROL · iPod ADAPTER READY · USB ADAPTER READY · BLUETOOTH ADAPTER READY

TeleAtlas Maps · TMC · DVD VIDEO/ROM · DOLBY DIGITAL · MP3 · Dual Zone · HDD MUSIC LIBRARY · gracenote cddb.


HDD
AVIC-HD3II
Pioneer
E17 E17/A14
1.4 km
3.0km
04:33
ZUIDPARKLAAN
LEEUWSTRAAT
43.3km
0h26m
B401 (GENT)
50m
VOL
AV
MENU
MAP
TRK
TILT

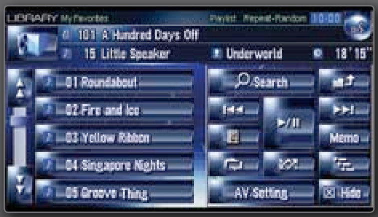
MENU
Pioneer

Steering wheel remote control CD-SR1 (Optional)

navgate

This 2-DIN HDD-based unit with a motorised 7-inch touch panel display offers everything you could possibly desire in an AVIC (Audio, Video, Information and Communication) unit. Navigation accuracy is a trademark of Pioneer's AV/Navi units, and is further enhanced in the AVIC-HD3II thanks to the integration of over 1000 3D landmarks. This good-looking unit also provides a complete in-car entertainment experience thanks to its DVD playback capabilities, HDD Music Library and optional Bluetooth® wireless telephony.

HDD MUSIC LIBRARY · gracenote cddb. · MUSIC LIBRARY


LIBRARY My Favorites
Playlist Repeat-Random 10:00
101 A Hundred Days Off
15 Little Speaker
Underworld
18'15"
01 Roundabout
02 Fire and Ice
03 Yellow Ribbon
04 Singapore Nights
05 Groove Thing
Search
Memo
AV Setting
Hide

The AVIC-HD3II's HDD capabilities make for the perfect music platform. While playing a CD, the AVIC-HD3II automatically copies (at 4 times the speed) the CD* to the HDD. In approximately 15 minutes the entire CD and labels are uploaded, while track titles, etc., are added thanks to Gracenote® Media Database** autotitling. Furthermore, the AVIC-HD3II boasts an advanced music interface, which allows you to search by track (max. 400 songs), album name (max. 400 playlists), artist name, genre (13 genres) and My Favourites (max. 4 playlists). There is also a My Mix function, which plays a random selection of favourite tracks. To enhance driving comfort, you can use Voice Command for all the basic functionalities within the Music Library.

** Only original CDs and burned Audio CDs.*

*** The Gracenote® CDDB library holds about 250,000 album titles and can be updated via CD.*

The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

KEY FEATURES

THE ALL-AND-MORE SOLUTION

- Full navigation & entertainment system
- Full integration in standard double headunit slot (2-DIN)
- MOSFET 50 W x 4 amplifier
- Customisable start-up screen

EXPLORE

- 3D Gyro Sensor precision navigation
- RDS-TMC tuner for real-time traffic info
- 26 European countries
- 7.6 million kilometres of roads
- 8.2 million POIs
- 121 detailed City Maps
- More than 1000 3D landmarks
- 7 viewing modes

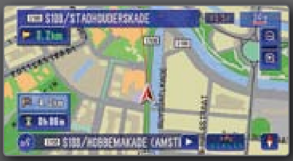
ENTERTAIN

- Advanced Music Library
- iPod connectivity (via optional CD-IB100 II)
- DVD-Video/DVD-R/DVD-RW
- D4Q digital AM/FM tuner
- MP3 on CD-R/CD-RW
- Dual Zone

CONTROL

- Touch panel operation
- Optional steering wheel remote control
- Voice Command
- Wired remote control ready
- Bluetooth® wireless telephony (via optional ND-BT1)
- Input for optional back-up camera

CITY MAPS



The AVIC-HD3II includes fully-detailed City Maps of European capitals and leading cities*. On a 25 – 50 m scale, the City Maps include footprints of buildings and the actual geometry of roads.

* *For a complete list of available City Maps, please refer to page 111.*

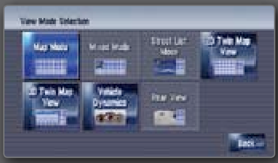
DUAL ZONE

The AVIC-HD3II and AVIC-X3II* boast the advanced dual zone feature, which allows you and your passengers to enjoy different AV sources at the same time. For example, while you and the front seat passenger listen to the radio, the rear seat passengers can watch a DVD or TV. They can even hook up a camcorder or a game console.

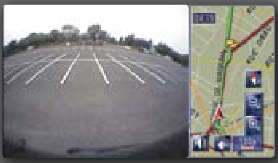
* *When playing a CD or DVD, the AVIC-X3II will switch into Memory Navigation mode.*

VIEWING MODES

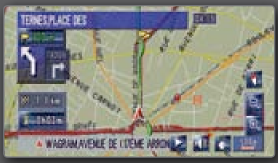
The AVIC-HD3II boasts 7 viewing modes. It is also possible to turn off some of the map information so you can focus only on the information that is important to you.



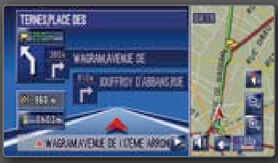
Viewing Modes Option Menu



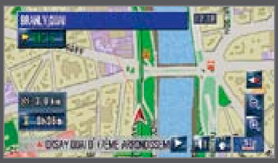
Rear View (via optional back-up camera)



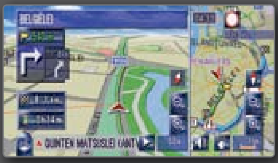
Mixed Mode



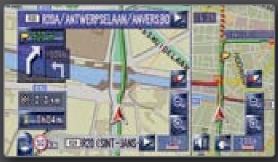
Street List Mode



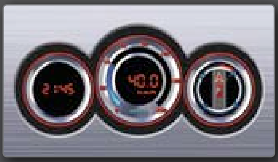
Map Mode



Twin View (3D)

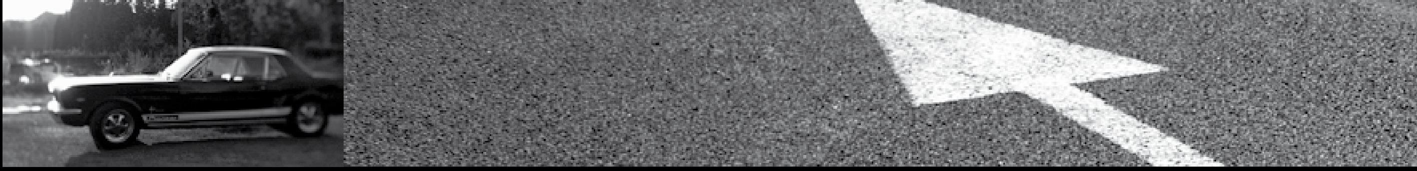


Twin View (2D)



Vehicle Dynamics

For full features and specifications, please see page 111.



DVD Navigation System

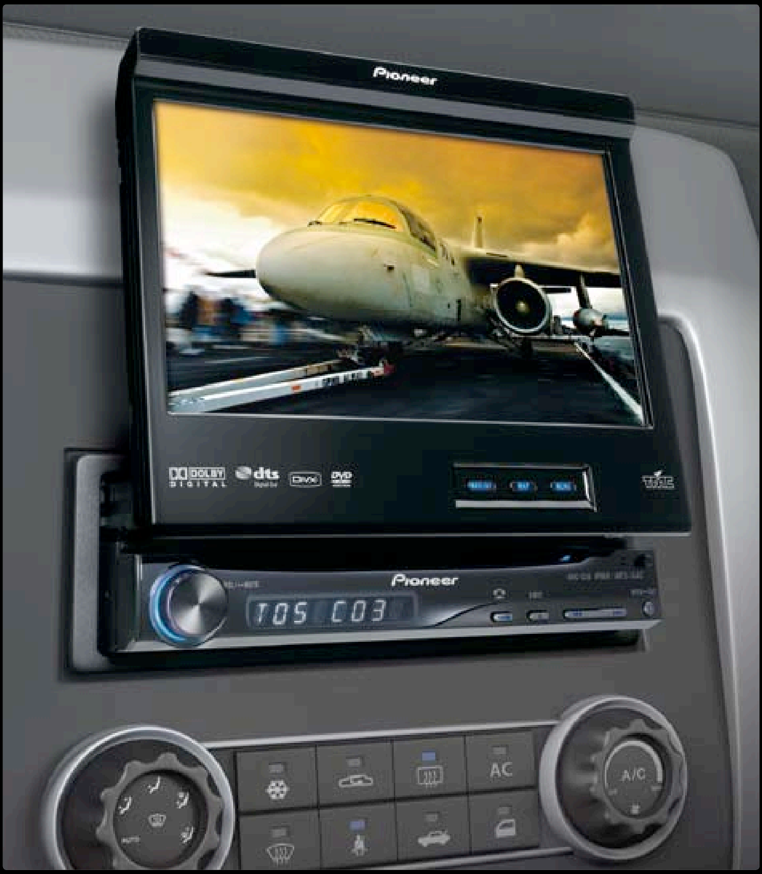
AVIC-X3II

DVD NAVIGATION AV HEADUNIT

Made for iPod

MOSFET 50W x 4 · D4Q · RDS · RADIO TEXT · iPod DIRECT CONTROL · HIGH/LOW PASS FILTER · SFEQ · SLA · 3 RCA PRE-OUTS · IP-BUS CONTROL · DVD SOURCE CONTROL · DUAL BUTTON ILLUMINATION · MEMORY NAVI · BLUETOOTH ADAPTER READY

TMC · DVD VIDEO/ROM · DOLBY DIGITAL · MP3 · Plays Windows Media · AAC · Dual Zone · DivX



navgate

This fully-integrated navigation and in-car entertainment system is the perfect partner for all your journeys. It fits easily into a 1-DIN slot, and its 7-inch touch panel screen folds out smoothly from the dashboard. When closed, it shows basic information on its sub-display. With just the touch of a button you can quickly switch between the AV and Navi menus. In addition, separately adjustable key/display illumination and splash screen customisation enable you to give a unique personal touch.

KEY FEATURES

THE ALL-AND-MORE SOLUTION

- Full navigation & entertainment system
- Full integration in standard single headunit slot (1-DIN)
- MOSFET 50 W x 4 amplifier
- Memory Navi
- Dual button illumination and 5-colour display customisation

EXPLORE

- 3D Gyro Sensor for precision navigation
- RDS-TMC tuner for real-time traffic info
- The whole of Europe on 3 DVDs
- 26 European countries
- 7.6 million kilometres of roads
- 1.8 million POIs
- 6 viewing modes

ENTERTAIN

- DVD-Video/DVD-R/DVD-RW
- iPod Music/Video Direct Control (via optional CD-I200)
- D4Q digital AM/FM tuner
- MP3/WMA/AAC/DivX on CD-R/CD-RW or DVD-R/DVD-RW
- Dual Zone

CONTROL

- Touch panel operation
- Wired remote control ready
- Adjustable panel angle (50° – 110°)
- Convenient AV/NAVI switch button
- Bluetooth® wireless telephony (via optional CD-BTB200)
- Input for optional back-up camera

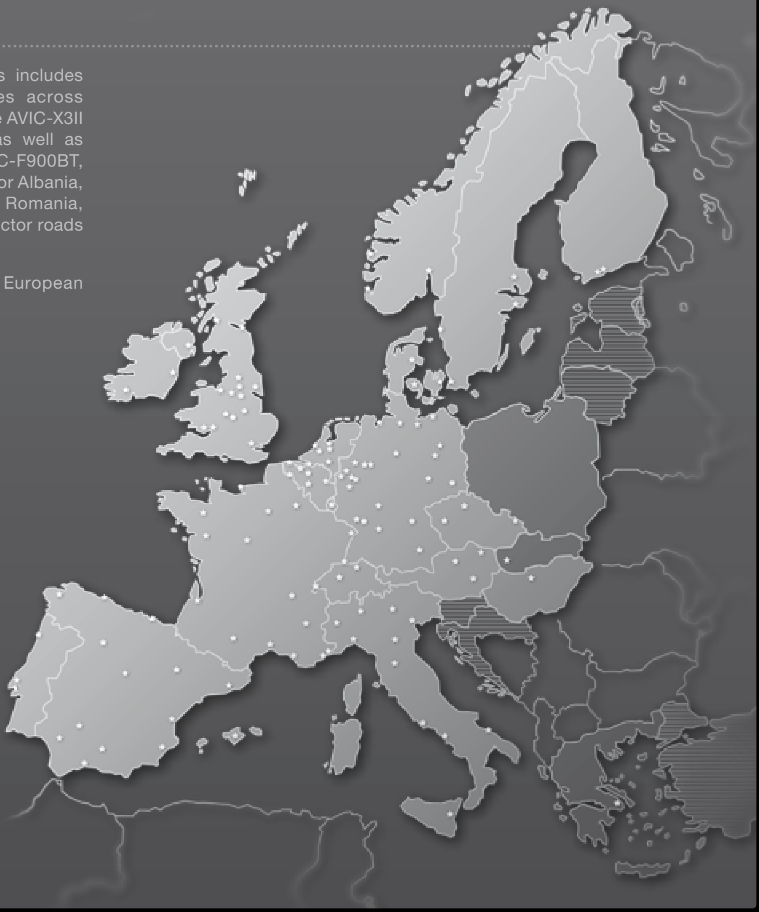
The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

2008 MAP COVERAGE

The map coverage for all 2008 Pioneer navigation systems includes the whole of Europe – with up to 8.4 million kilometres across up to 33 countries. More than 1.5 million POIs (1.8 million for the AVIC-X3II and 8.2 million for the AVIC-HD3II) have been included, as well as house numbers for a large part of the covered areas. The AVIC-F900BT, AVIC-F700BT and AVIC-F500BT also include connector roads for Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Macedonia, Romania, Serbia, Montenegro and Ukraine; the AVIC-X3II includes connector roads for Macedonia and Serbia.

Furthermore, the AVIC-HD3II offers detailed City Maps* for European capitals and major cities.

** For a complete list of available City Maps, please refer to page 111.*



Map Coverage:

- ☐ Full map coverage
- ■ Partial map coverage
- ▤ Additional partial map coverage for the AVIC-F900BT, AVIC-F700BT and AVIC-F500BT
- ★ City Map (AVIC-HD3II)

BUILT-IN TMC (TRAFFIC MESSAGE CHANNEL)

Pioneer's installed-type navigation units have a built-in TMC (Traffic Message Channel) receiver offering up-to-the-minute detailed traffic information. In countries where real-time TMC traffic information is broadcast, the system indicates the traffic events on the map within a range of 150 kilometres and presents you with an alternative route in order to avoid the traffic event. A special menu function lists all the current traffic events in the area and even sorts them by 'Distance' or 'Event'.

When the AVIC-X3II is in Memory Navi mode, TMC is also available for the country you were in at the time of switching to Memory Navi mode, and for the country prior to that. The traffic information received while in Memory Navi mode only covers the area that has been stored in the memory. In addition, traffic lists will not be available. However, traffic icons will still appear on the map whenever a new message is received.

INSTALLED-TYPE AVIC KEY FEATURE COMPARISON CHART	AVIC-F900BT	AVIC-F700BT	AVIC-F500BT	AVIC-HD3II	AVIC-X3II
Installation	2-DIN	2-DIN	On-dash	2-DIN	1-DIN
Navi Software Source	2 GB NAND Flash memory	2 GB NAND Flash memory	2 GB NAND Flash memory	HDD	3 DVDs
Screen Size	5.8-inch	5.8-inch	5.8-inch	7-inch	7-inch
Number of Kilometres	8.4 million	8.4 million	8.4 million	7.6 million	7.6 million
POIs	1.5 million	1.5 million	1.5 million	8.2 million	1.8 million
City Maps				121	
3D Landmarks	•	•	•	•	
Viewing Modes				7	6
Bluetooth® Wireless Technology	Hands-free profile	Hands-free profile	Hands-free profile	Optional hands-free profile (ND-BT1)	Optional hands-free profile and audio streaming (CD-BTB200)
Compressed Audio/Video Playback	MP3/WMA/WAV /AAC/DivX/MPEG4	MP3/WMA/WAV /AAC/MPEG4	MP3/WMA/WAV /AAC/MPEG4	MP3	MP3/WMA/AAC/DivX
Dual Zone Entertainment				•	•
Music Library				•	
Display/Button Customisation	Multi-colour key illumination	Multi-colour key illumination			Dual button illumination /5 colours for display
Start-up Screen Customisation	•	•	•	•	•

For full features and specifications, please see page 112.

AV Add-ons

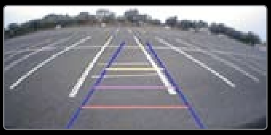
Even though Pioneer's installed-type AVIC units host a range of AV features, you can expand your in-car experience even further with add-on units. These units can be easily connected to and controlled via your navigation system. The XDV-P6 can also be used as a standalone unit.

ND-BC2
UNIVERSAL BACK-UP CAMERA

Hooked up to an installed-type AVIC unit, AV headunit (AVH-P5900DVD, AVH-P5000DVD, AVH-P4000DVD), DVD tuner (DVH-P5000UB) or a Pioneer display with camera input (AVD-W7900), the ND-BC2 NTSC high-quality universal camera offers a full-colour, wide-angle view of what's behind your car when in reverse.

ND-BC20PA
UNIVERSAL BACK-UP CAMERA WITH VISUAL DSP UNIT

ND-BC20PA is a combination of the ND-BC2 universal back-up camera and a visual DSP unit. It provides a 2D bird's-eye view of the situation behind the car by eliminating the camera's wide-angle distortion effect. In addition, it provides 'Parking Guidelines', making reverse parking extremely easy.



AVD-W7900
7-INCH WIDE-SCREEN QVGA COLOUR DISPLAY

This 7-inch wide-screen QVGA colour LCD display brings brilliant entertainment to the rear seat. Easily installed with the complementary headrest mounting bezel, the AVD-W7900 features 2 AV Inputs and 1 AV Output, which allow you to easily hook up additional AV sources. In addition, the AVD-W7900 features an IR headphone transmitter, for use in combination with IR headphones SE-IRM290.

SE-IRM290 – IR headphones for AVD-W7900 (Optional)

AVD-W1100V

11-INCH WIDE-SCREEN VGA COLOUR DISPLAY

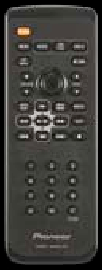
The 11-inch VGA LCD display, the AVD-W1100V, offers wide-screen brilliance to indulge in pure in-car AV entertainment with heaps of connection possibilities, such as a headphone jack.

XDV-P6

MULTI-DVD PLAYER WITH DOLBY DIGITAL/DTS DIGITAL OUTPUT

DVD VIDEO   DOLBY DIGITAL   dts Digital Out   COMPACT disc DIGITAL VIDEO   COMPACT disc DIGITAL AUDIO   MP3   Plays Windows Media

Pioneer
DISC INSERTION SHUTTER
DVD VIDEO
WMA/MP3
XDV-P6
dts
DOLBY DIGITAL
EJECT



Remote control (Included)

Boost your in-car experience with an in-dash 6-DVD/CD changer and standalone DVD/CD player. The XDV-P6 handles DVD-Video, DVD-R/DVD-RW, VideoCD, CD/CD-R /CD-RW, MP3 and WMA playback. Thanks to the digital output, the XDV-P6 can be easily connected to the DEQ-P6600 5.1 multi-channel digital signal processor to make the most of the multi-channel DVD format.

CD-VS33

AV SELECTOR

With the CD-VS33 AV Selector your backseat passengers can each select their own source: a DVD movie, a TV show, home movies from a camcorder, or a game. They will love you for it and will look forward to those long road trips. The CD-VS33 features 3 RCA AV Input/Output terminals to hook up your source units, as well as 2 headphone outputs with independent volume control.

VOL
MIN
MAX
PHONES A
AV OUT 1
AV OUT 2
AV OUT 3
SOURCE SELECTOR
PHONES B
POWER
AV IN 1
PHONES B
Pioneer
CD-VS33
AUDIO VIDEO SELECTOR

For full features and specifications, please see page 113.

Great connectivity. Maximum control.

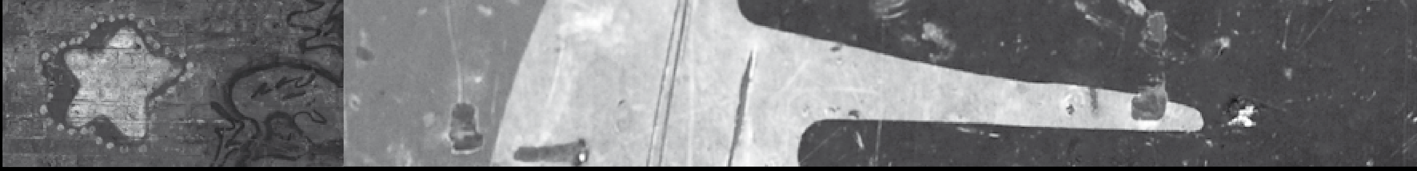
Headunits

With their enviable array of connectivity options, Pioneer's headunits take you on a ride of excitement and satisfaction. Take full control over your iPod, USB music source and portable MP3 player, or enjoy the freedom of Bluetooth® wireless technology. Offering a wide choice of designs as well as extensive expansion and customisation possibilities, Pioneer's headunits reinvent mobile multimedia, tailored to your needs.

Pioneer
Bluetooth
PHONE

DEH-P800BT

PIONEER
Pioneer



AV Headunits

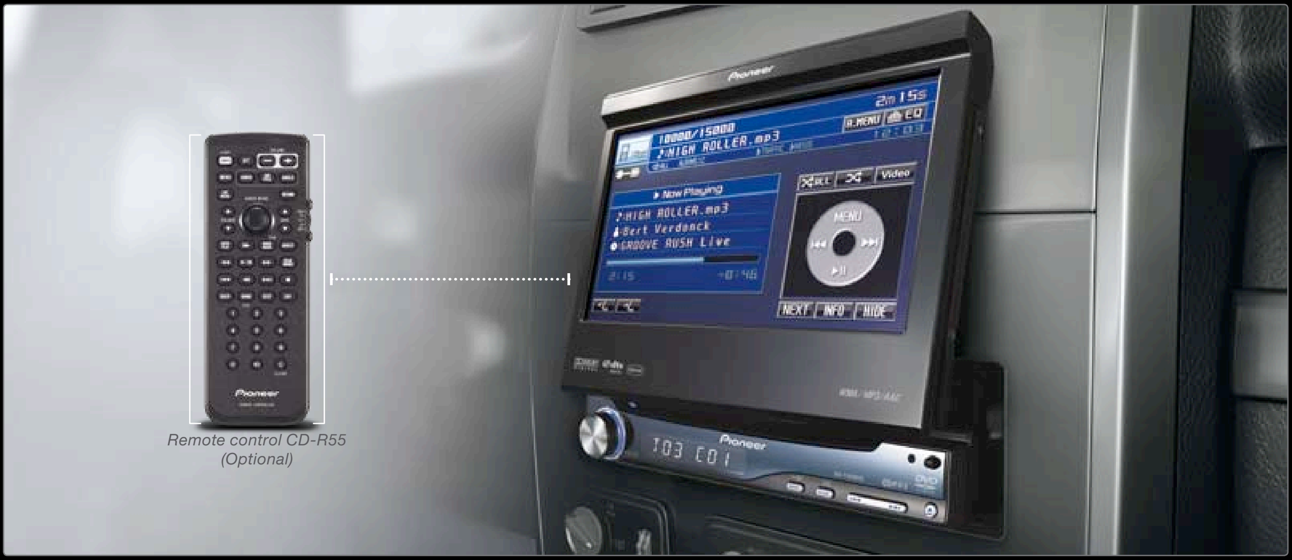
AVH-P5900DVD

DVD AV HEADUNIT

Made for iPod

MOSFET 50W x 4 · RDS · iPod DIRECT CONTROL · CD-R CD-RW · DVD-R DVD-RW · REAR AUX IN · 3 RCA PRE-OUTS · HI VOLT PRE-OUT · CD TEXT · RADIO TEXT · HIGH PASS FILTER · OEM DISPLAY OUTPUT · 7 BAND GEQ · BLUETOOTH ADAPTER READY

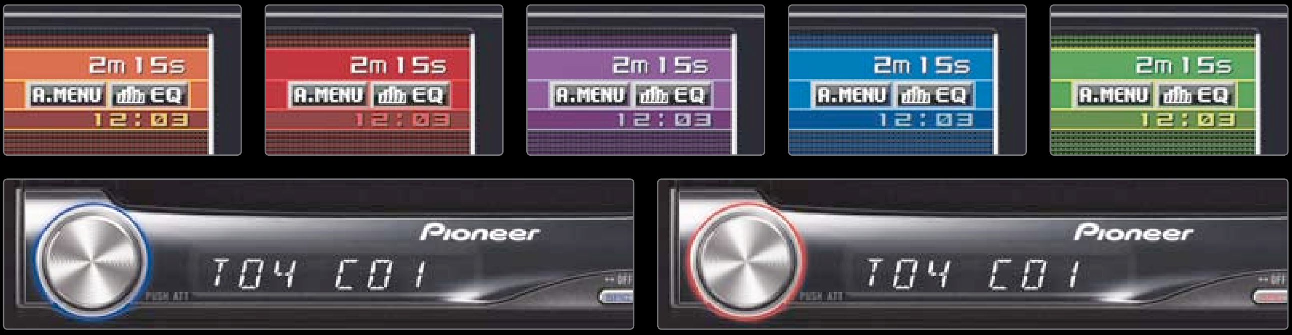
MP3 · Plays Windows Media · AAC · DivX · TOUCH PANEL · DVD VIDEO · DOLBY DIGITAL · dts Digital Out · COMPACT disc DIGITAL AUDIO · COMPACT disc DIGITAL VIDEO



Remote control CD-R55
(Optional)

Pioneer's DVD AV headunit AVH-P5900DVD is bound to become the centrepiece of attraction on your dashboard. This fully motorised foldaway headunit with a 7-inch QVGA touch panel display boasts compatibility with the latest audio and video formats, including DivX. Hook up your iPod and listen to your digital tunes or expand your in-car experience even further with the optional CD-BTB200 Bluetooth® adapter. To top it all off, you can separately select the colour for the buttons and the display, adding a most personal touch to your car's dashboard.

For more expandability options with a.o. additional screens or a multi-DVD player, see pages 18 and 19.



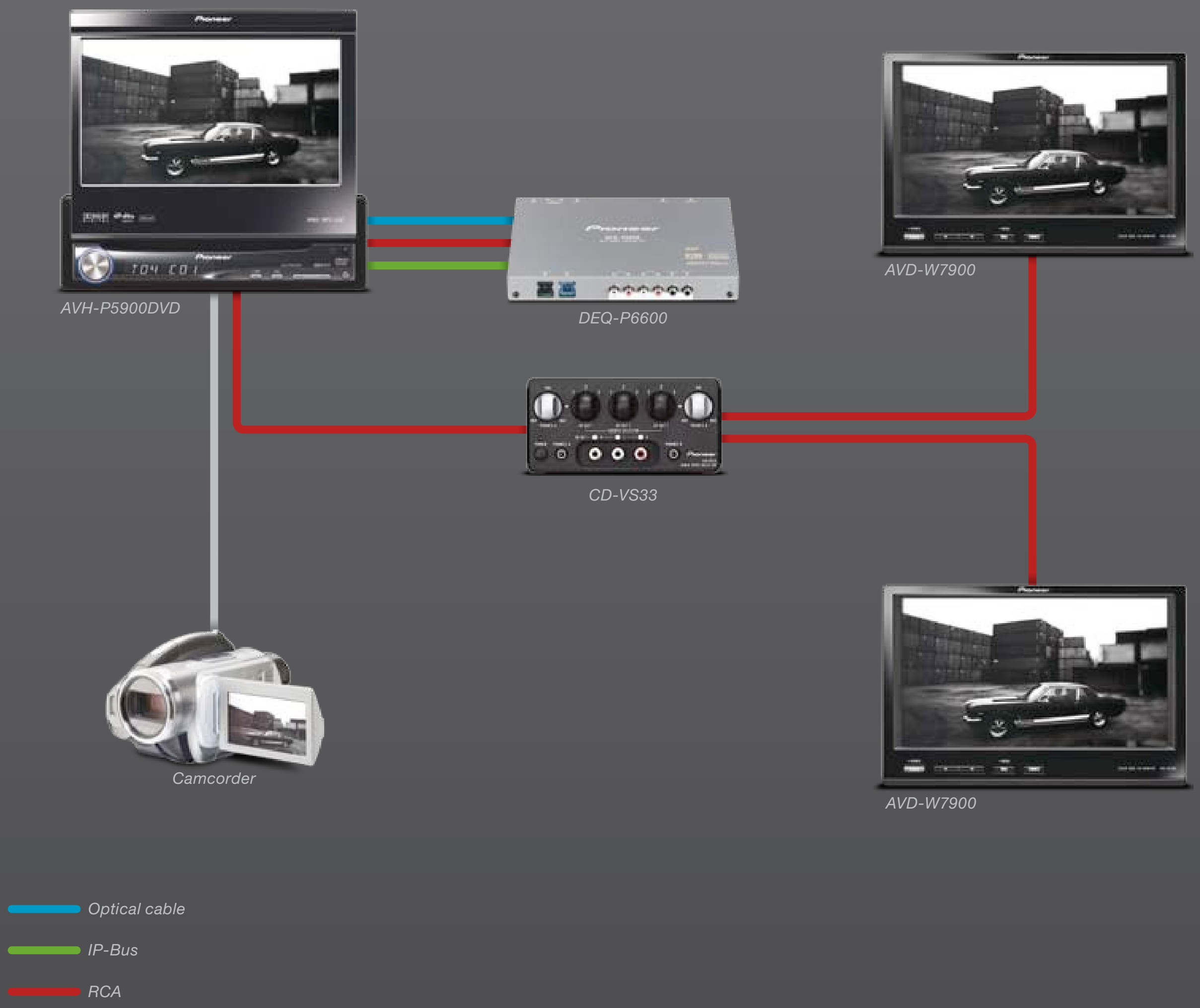
Colour Customisation examples

KEY FEATURES

- 7-inch touch panel display
- MP3/WMA/AAC/DivX (from CD or DVD)/DVD-Video/DVD-R (VR)/ DVD-RW (VR)/CD/CD-R/CD-RW playback
- Expansion unit control (multi-CD, TV, multi-DVD, Bluetooth®, USB, DEQ-P6600) via IP-Bus connector
- iPod Direct Control (audio) via optional CD-I200
- Rear Aux-in (audio and video)
- 3 RCA pre-outs (F+R+S/W or NON-FAD)
- 2 Video inputs (back-up camera ready)
- 7-band graphic equaliser (GEQ)
- Colour Customisation
  (5 colours for OSD and 2 colours for key illumination)

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

SYSTEM SET-UP EXAMPLE



DEQ-P6600

5.1 MULTI-CHANNEL DIGITAL SIGNAL PROCESSOR

Introduce the splendour of multi-channel surround sound to your in-car environment. The 5.1 multi-channel digital signal processor DEQ-P6600 easily hooks up to the AVH-P5900DVD to get you set. Equipped with a built-in Dolby Digital/DTS/ Dolby Pro Logic II decoder, it will wrap you in impressive 5.1-channel surround sound – for DVD-Video, as well as audio sources. Thanks to the MOSFET 50 W x 5 power amp, you can have a full surround sound system using built-in power, while a subwoofer can be connected via the dedicated pre-out. The final result is full-fledged audio and video, with super-realistic sound. Simply stunning!

For full features and specifications, please see pages 113, 114, 118 and 119.

AV Headunits

AVH-P5000DVD

DVD AV HEADUNIT

Made for iPod

MOSFET 50W x 4 · iPod DIRECT CONTROL · CD-R CD-RW · DVD-R DVD-RW · REAR USB · FRONT AUX IN · 2 RCA PRE-OUTS · HI VOLT PRE-OUT · DIRECT SUB DRIVE · CD TEXT · HIGH/LOW PASS FILTER · 3 BAND PEQ · DUAL BUTTON ILLUMINATION · BLUETOOTH ADAPTER READY

USB · MP3 · Plays Windows Media · AAC · DivX · TOUCH PANEL · DVD VIDEO · DOLBY DIGITAL · dts Digital Out · COMPACT disc DIGITAL AUDIO · COMPACT disc DIGITAL VIDEO

Remote control CD-R55 (Optional)

Equipped with a 7-inch QVGA touch panel display, the AVH-P5000DVD will immediately take centre stage. This 1-DIN unit has a motorised screen that opens at the touch of a button. It is compatible with the latest audio and video formats, and allows you to hook up a USB audio device, an iPod and the CD-BTB200 Bluetooth® adapter. For a mind-blowing experience, connect the DEQ-P6600 and enjoy 5.1 channel surround sound. Or drive a subwoofer directly from the headunit and enjoy outstanding full-power bass.

For more expandability options with a.o. additional screens or a multi-DVD player, see pages 18 and 19.

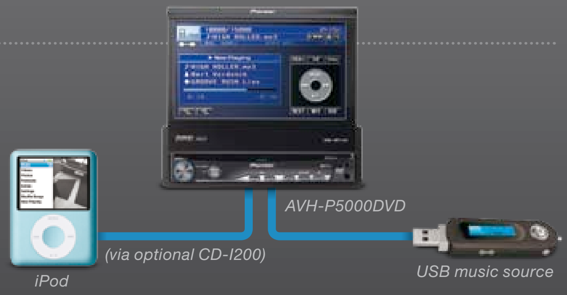
KEY FEATURES

- 7-inch touch panel display
- MP3/WMA/AAC/DivX (from CD or DVD)/DVD-Video/DVD-R (VR)/DVD-RW (VR)/CD/CD-R/CD-RW playback
- Expansion unit control (multi-CD, TV, multi-DVD, Bluetooth®, DEQ-P6600) via IP-Bus connector
- iPod Direct Control (audio and video) via optional CD-I200
- Rear USB-in
- Front Aux-in (audio and video)
- 2 RCA pre-outs (F+R or S/W)
- Direct sub drive
- 2 Video inputs (1 Video input, 1 back-up camera input)
- Colour Customisation
  (5 colours for OSD and 2 colours for key illumination)

USB · iPod DIRECT CONTROL · REAR USB

iPod & USB INDEPENDENT TERMINALS

Thanks to the independent iPod and USB terminals on the AVH-P5000DVD and AVH-P4000DVD, you can simultaneously connect both your iPod and USB music source to your headunit. While your USB music source is added to your system using the rear USB-in terminal, your iPod can be hooked up through a dedicated port using the optional CD-I200 interface cable.



The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

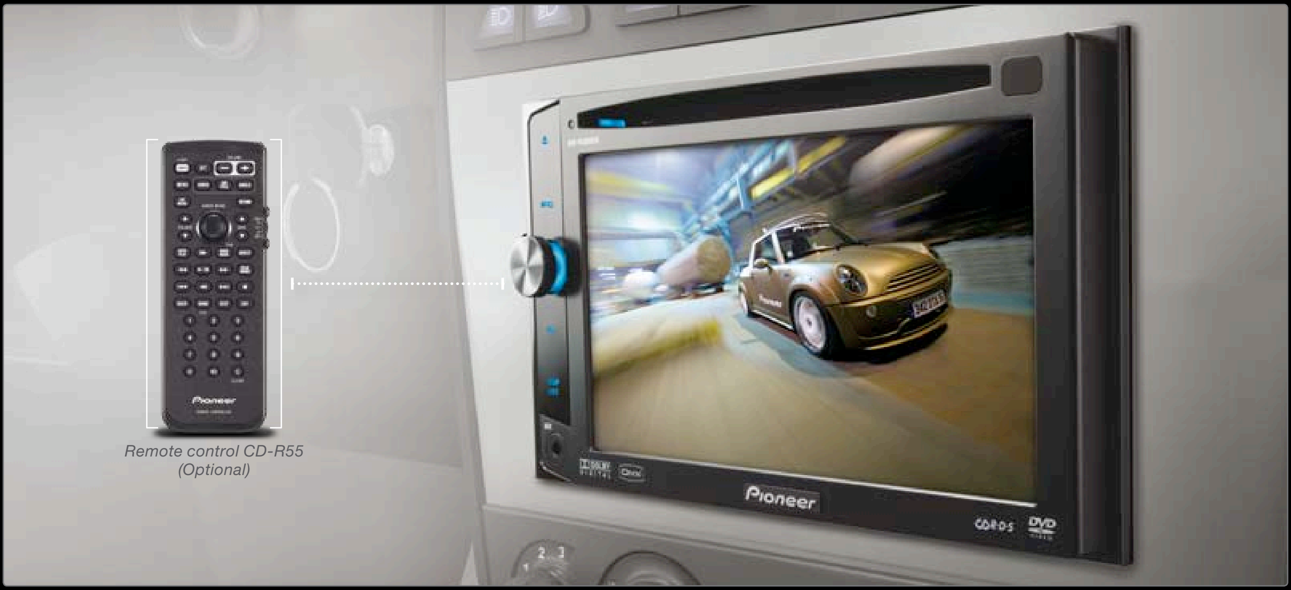
AVH-P4000DVD

DVD AV HEADUNIT

Made for iPod

MOSFET 50W x 4 | RDS | iPod DIRECT CONTROL | CD-R CD-RW | DVD-R DVD-RW | REAR USB | FRONT AUX IN | 2 RCA PRE-OUTS | HI VOLT PRE-OUT | DIRECT SUB DRIVE | CD TEXT | HIGH/LOW PASS FILTER | 3 BAND PEQ | BLUETOOTH ADAPTER READY

USB | MP3 | Plays Windows Media | AAC | DivX | TOUCH PANEL | DVD VIDEO | DOLBY DIGITAL | dts Digital Out | COMPACT disc DIGITAL AUDIO | COMPACT disc DIGITAL VIDEO



Remote control CD-R55 (Optional)

The AVH-P4000DVD has what it takes to become the control hub for your mobile theatre experience. All the latest audio and video formats are supported. Boasting a stunning 6.1-inch QVGA touch panel display, it integrates perfectly into a 2-DIN slot. With iPod Direct Control you can catch up on your favourite tunes and videos on the go.

Give your dashboard a more personal touch by selecting from 5 factory preset colours for the display or choose from 113 colour variations to customise the buttons.

For more expandability options with a.o. additional screens or a multi-DVD player, see pages 18 and 19.

KEY FEATURES

- Colour Customisation (5 colours for OSD and RGB key illumination)
- 6.1-inch touch panel display
- MP3/WMA/AAC/DivX (from CD or DVD)/DVD-Video/DVD-R (VR)/ DVD-RW (VR)/CD/CD-R/CD-RW playback
- Expansion unit control (multi-CD, TV, multi-DVD, Bluetooth®, DEQ-P6600) via IP-Bus connector
- iPod Direct Control (audio and video) via optional CD-I200
- Rear USB-in
- Front Aux-in (audio and video)
- 2 RCA pre-outs (F+R or S/W)
- Direct sub drive
- 2 Video inputs (1 Video input, 1 back-up camera input)

CUSTOMISABLE DISPLAY & BUTTON COLOURS

For full features and specifications, please see pages 114 to 116 and 118 to 119.

High Power DVD RDS Tuners

DVH-P5000UB

MP3/WMA/AAC/DivX DVD RDS TUNER

IR remote control (Included)

The DVH-P5000UB takes in-car entertainment to new heights. This DVD RDS tuner plays back the latest AV reproduction formats, from MP3, DVD and DivX to DVD-RW VR. It also lets you hook up all sorts of external audio sources or additional amps and speakers.

Using the optional CD-BTB200 adapter, it will even give you safe control over your Bluetooth®-enabled mobile phone. Just add a Pioneer in-car display, and let the show begin.

For more expandability options with a.o. additional screens or a multi-DVD player, see pages 18 and 19.

KEY FEATURES

- 1-line 16-character display
- MP3/WMA/AAC/DivX/DVD-Video/DVD-R (VR)/DVD-RW (VR)/CD/CD-R/CD-RW playback
- Expansion unit control (multi-CD, TV, multi-DVD, Bluetooth®, DEQ-P6600) via IP-Bus connector
- iPod Direct Control (audio)
- Rear USB-in
- Rear Aux-in (audio and video)
- 3 RCA pre-outs (F+R+S/W)
- Direct sub drive
- 2 Video inputs (back-up camera ready)
- 3-band parametric equaliser (PEQ)

iPod DIRECT CONTROL

Enjoy your full iPod music collection in your car without the need for an additional adapter. Simply hook up your iPod to the DVH-P5000UB's USB-in terminal using the optional iPod-to-USB interface cable CD-IU50 and enjoy your favourite music on the go.

The iPod can be controlled from the headunit, but also via an IR remote control or hard-wired (OEM) remote control. What's more, when hooked up, the headunit doubles as a battery charger for the iPod.

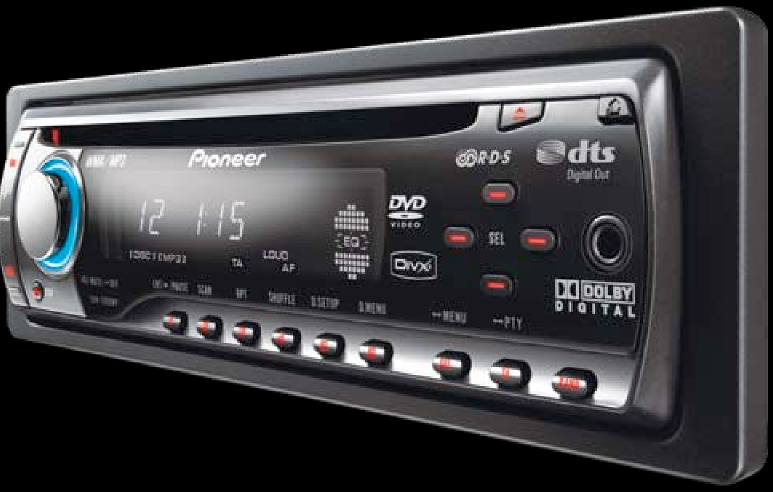
Note: For more information, please consult our website at www.pioneer.co.uk

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

DVH-3900MP

MP3/WMA/DivX DVD RDS TUNER

IR remote control (Included)



This entry-level DVD headunit sets the stage for a thrilling entertainment experience. The DVH-3900MP slips into a 1-DIN slot and effortlessly handles the latest in AV formatting and reproduction. Its front Aux-in connection even lets you hook up external music sources. Simply add a Pioneer in-car display (AVD-W1100V or AVD-W7900) for you or your rear seat passengers and take the rich diversity of digital entertainment on the road.

For more expandability options with a.o. additional screens or a multi-DVD player, see pages 18 and 19.

KEY FEATURES

- MP3/WMA/DivX/DVD-Video/DVD-R/DVD-RW/CD/CD-R/CD-RW playback
- Built-in 45 W x 4 amplifier
- Front Aux-in (audio)
- AM/FM RDS tuner (24 presets)
- 2 RCA pre-outs (R+S/W)
- IR remote control
- OEM remote control ready
- Disc title memory
- Cellular telephone auto muting

FRONT AUX-IN

The DVH-3900MP features a front Aux-in connection, which allows you to easily hook up a variety of external sources, such as portable audio players or your iPod, via the optional CD-V150M, without requiring an IP-Bus connection.

Digital Out
SEL
DOLBY DIGITAL

For full features and specifications, please see pages 116 to 119.

High Power CD RDS Tuners

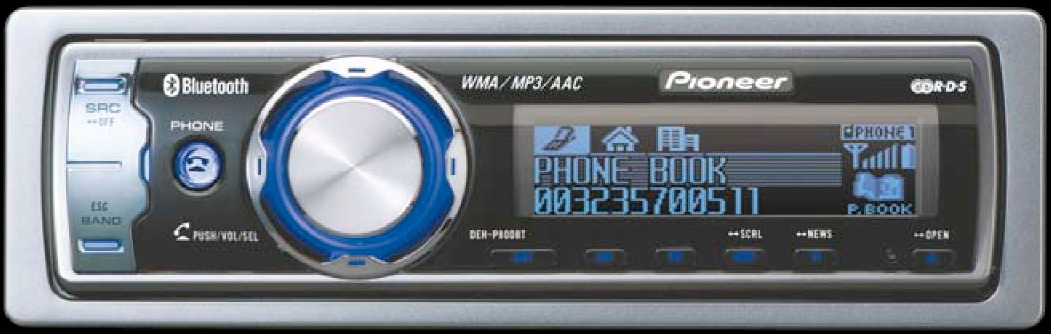
DEH-P800BT

MP3/WMA/WAV/AAC/BLUETOOTH® WIRELESS TECHNOLOGY CD RDS TUNER

Made for iPod

MOSFET 50W x 4 | MULTI LANGUAGE USER INTERFACE | BLUE OEL | AUTO FLAP | iPod DIRECT CONTROL | ROTARY COMMANDER | REAR AUX IN | OEM REMOTE CONTROL READY | OEM DISPLAY OUTPUT | 3 RCA PRE-OUTS | HI VOLT PRE-OUT | DIRECT SUB DRIVE | HIGH/LOW PASS FILTER | 7 BAND GEQ

Bluetooth® MP3 Plays Windows Media™ WAV AAC



10-key remote control (Included)

Unleash the powerful capabilities of the DEH-P800BT and watch your friends' eyebrows rise. Show off its wide connectivity options and hook up anything from an iPod, a Bluetooth®-enabled mobile phone or an MP3 player to additional amps and speakers. Its convenient auto-flap mechanism lets the front panel slide open at the touch of a button. What's more, you can browse all functionalities in your language of choice. How's that for an eye-catcher?

KEY FEATURES

- Dot-type OEL display
- Integrated Bluetooth® module for hands-free phoning and audio streaming
- Multi-language user interface
- iPod Direct Control (via optional CD-I200)
- Rear Aux-in
- 3 RCA pre-outs (F+R+S/W or NON-FAD)
- Direct sub drive
- OEM display output
- 7-band graphic equaliser (GEQ)
- OEM remote control ready

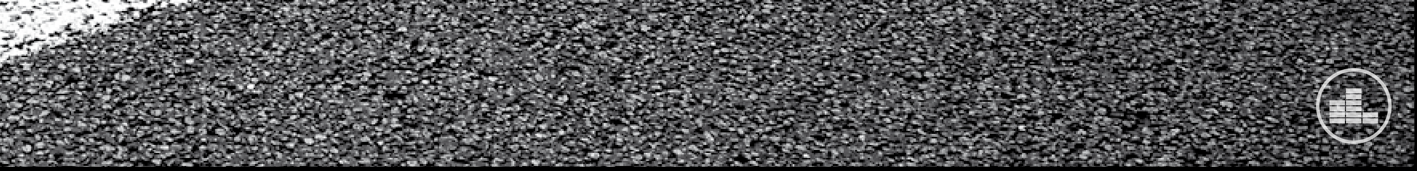
BLUE OEL DISPLAY

Pioneer's Blue OEL (Organic Electro-Luminescent) displays make a stylish statement in any car's interior. Customise your display with a variety of preset high-quality stills and motion graphics. In addition, OEL technology allows for wide viewing angles, active 3D visuals, and high contrast and brightness – even in sunlight.

7-BAND GRAPHIC EQUALISER (GEQ)

With Pioneer's 7-band graphic equaliser, you can customise the equalisation levels to best match the acoustics of your car. To ease usage, 7 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom 1, Custom 2 and Super Bass. 'Custom 1' and 'Custom 2' are adjustable equaliser curves that you can create by altering the preset EQ curves (except Flat) to a fine degree (nuance control) with a 7-band graphic equaliser for each source. 7 bands (50 Hz, 125 Hz, 315 Hz, 800 Hz, 2 kHz, 5 kHz and 12.5 kHz) can be adjusted in band-specific steps from +6 to -4, or -6, depending on which equaliser curve is selected.

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.



FH-P80BT

MP3/WMA/WAV/AAC/BLUETOOTH® WIRELESS TECHNOLOGY CD RDS TUNER

Pioneer
ENYA - ANGEL MP
MICHAEL DUBLE-
ASTOR PIAZZOLA
SOURCE
BAND
LIST

10-key remote control (Included)

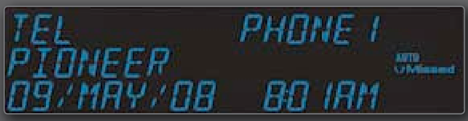
If you are looking for a CD RDS tuner that turns heads, the double-DIN sized FH-P80BT is on the mark. Its 3-line 16-character blue OEL display makes exploring its rich functionalities a cinch. The integrated Bluetooth® module lets you enjoy talking with the clear sound from your car speaker system. You can also play audio files from your phone or virtually any portable audio device. Now that's how to make an impression.

KEY FEATURES

- 2-DIN installation
- Blue OEL display
- 3-line 16-character display
- Integrated Bluetooth® module for hands-free phoning and audio streaming
- iPod Direct Control
- Rear USB-in
- Rear Aux-in
- 3 RCA pre-outs (F+R+S/W or NON-FAD)
- OEM display output
- 7-band graphic equaliser (GEQ)
- OEM remote control ready

Bluetooth® BLUETOOTH® WIRELESS TELEPHONY

Forget about hands-free installation kits, wires, adapters and connections, and discover the freedom of Bluetooth® wireless technology. Pioneer's Bluetooth®-enabled headunits automatically pick up your Bluetooth®-enabled* mobile phone's signal and, as a result, you can control your mobile phone from your headunit. They come with a microphone** and even include voice recognition dialling***. All of Pioneer's Bluetooth®-enabled headunits as well as the CD-BTB200, a Bluetooth® adapter for headunits with an IP-Bus connection, further boast the audio streaming profile. Advanced, convenient and cost-effective, Pioneer's in-car Bluetooth® wireless communication units are a dream solution for the modern driver.



Phonebook via Bluetooth®

** Find out whether your mobile phone is compatible at www.pioneer.co.uk*

*** The DEH-600BT's microphone is built-in.*

**** Only with mobile phones featuring voice recognition dialling.*

Note: The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Pioneer is under license. Other trademarks and trade names are those of their respective owners.

For full features and specifications, please see pages 118 to 119.

High Power CD RDS Tuners

DEH-P700BT

MP3/WMA/WAV/AAC/BLUETOOTH® WIRELESS TECHNOLOGY CD RDS TUNER

Made for iPod

MOSFET 50W x 4 | 10 COLOURS DISPLAY/BUTTONS | 1 X 16 CHARACTER DISPLAY | ROTARY COMMANDER | iPod DIRECT CONTROL | REAR USB | REAR AUX IN | OEM REMOTE CONTROL READY | OEM DISPLAY OUTPUT | 3 RCA PRE-OUTS | HI VOLT PRE-OUT | HIGH/LOW PASS FILTER | 3 BAND PEQ | ADVANCED SOUND RETRIEVER

Bluetooth® USB MP3 Plays Windows Media™ WAV AAC

10-key remote control (Included)

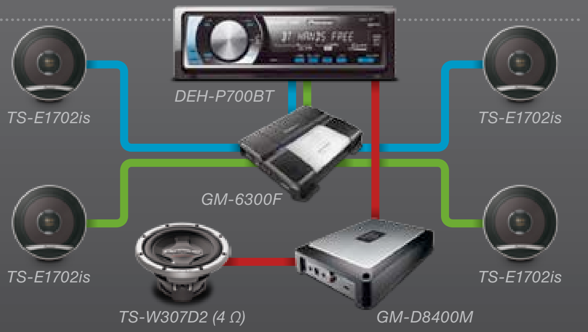
Install the DEH-P700BT and expand your in-car sound system in style. Hook up your iPod, USB music source or portable audio player and control them directly from your headunit. Operate your Bluetooth®-enabled mobile phone without even touching it. Want more? Then add amplifiers and additional speakers by making use of the 3 hi-volt RCA pre-outs. You'll never listen to music the same way again.

KEY FEATURES

- 10-colour display/buttons
- 1-line 16-character display
- Integrated Bluetooth® module for hands-free phoning and audio streaming
- iPod Direct Control
- Rear USB-in
- Rear Aux-in
- 3 RCA pre-outs (F+R+S/W or NON-FAD)
- MP3/WMA/WAV/AAC playback
- 3-band parametric equaliser (PEQ)

EXPAND YOUR SYSTEM

With the RCA pre-outs, you can easily add extra amplifiers and speakers to your in-car sound system. Pioneer's DEH-P700BT features 3 hi-volt RCA pre-outs so you can customise your system exactly the way you want to. In the opposite system set-up, an external 4-channel amplifier drives the front and rear speakers while a mono-channel amplifier drives the subwoofer.



🟦 *Front RCA pre-out*

🟩 *Rear RCA pre-out*

🟥 *Subwoofer RCA pre-out*

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

DEH-600BT

MP3/WMA/WAV/BLUETOOTH® WIRELESS TECHNOLOGY CD RDS TUNER

MOSFET 50W x 4 · 1 x 16 CHARACTER DISPLAY · ROTARY COMMANDER · REAR AUX IN · OEM REMOTE CONTROL READY · 1 RCA PRE-OUT · SLA · DISC TITLE MEMORY · DIRECT SUB DRIVE · HIGH/LOW PASS FILTER · 3 BAND PEQ

Bluetooth® MP3 Plays Windows Media™ WAV

CD-VM1

MICROPHONE

The DEH-600BT can be used with the optional external microphone CD-VM1.

OFF
SRC
SCROLL
DISP
PUSH
PHONE
CONNECT
BAND
ESC
MUTE
HOLD
Bluetooth
Pioneer
OPEN
CD R·D·S
BT HANDS FREE
TA
F-RDM
SW
LOUD
AUTO
Missed
WMA
MP3
NEWS
BMX
DEH-600BT
TA
RDM
COMP
LIST

Pioneer's Bluetooth® entry model not only offers hands-free telephony but also wireless audio streaming from a mobile phone or portable audio device. The rotary commander brings back all functions and features to one dial button, providing a fast and easy way to control the DEH-600BT's many features. Alternatively, hook the headunit up to your car's existing steering wheel remote control and take full control with both hands on the wheel.

KEY FEATURES

- 1-line 16-character display
- Integrated Bluetooth® module for hands-free phoning and audio streaming
- Rear Aux-in
- 1 RCA pre-out (R or S/W)
- High Pass Filter/Low Pass Filter
- MP3/WMA/WAV playback
- MOSFET 50 W x 4
- 3-band parametric equaliser (PEQ)
- OEM remote control ready
- Built-in microphone for easy installation
- Optional external microphone ready (CD-VM1)

Bluetooth® BLUETOOTH® AUDIO STREAMING

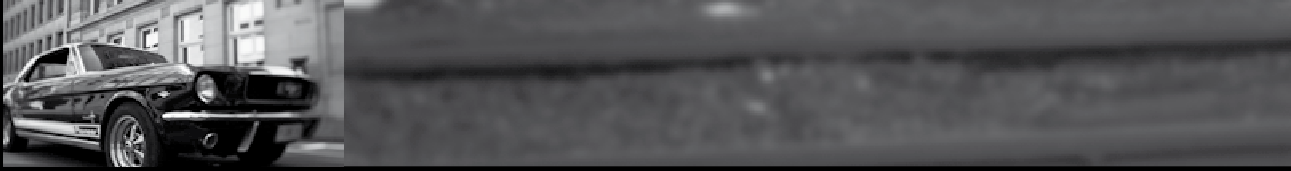
The audio streaming function allows you to play audio files from your Bluetooth®-enabled mobile phone or portable audio player, using the A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile). While Multi Profile Connectivity allows you to register one audio device at a time, audio streaming can also be used in parallel with the hands-free functionalities. All basic controls (Play, Pause, Volume, etc.) can be controlled from the headunit's remote control.

Note: Audio streaming functionalities have no display capabilities.

3 BAND PEQ 3-BAND PARAMETRIC EQUALISER (PEQ)

The 3-band equaliser allows you to adjust the equalisation to match your car's acoustics. To ease usage even further, 6 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom and Super Bass. 'Custom' is an adjustable equaliser curve that you can create by altering the preset EQ curves. 3 bands can be adjusted in band-specific steps from +6 to -6, namely EQ-L (low), EQ-M (mid) and EQ-H (high). Even more fine-tuning is possible by adjusting the centre frequency and the Q factor (curve characteristics) of each currently selected curve band (EQ-L/EQ-M/EQ-H).

For full features and specifications, please see pages 118 to 119.



High Power CD RDS Tuners

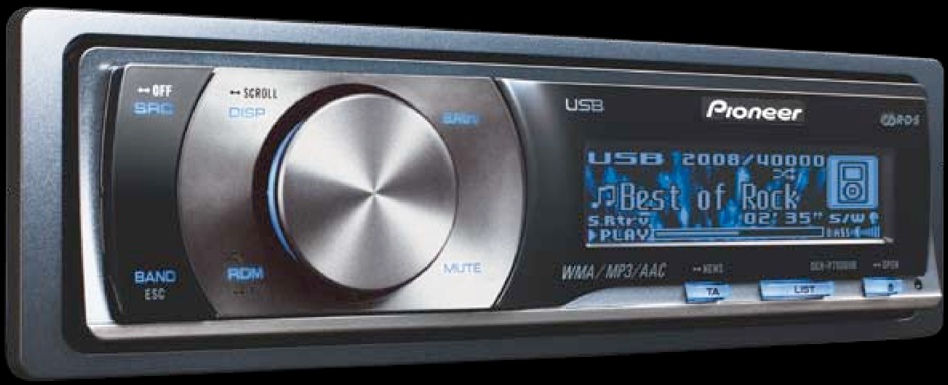
DEH-P7000UB

MP3/WMA/WAV/AAC CD RDS TUNER

Made for iPod

MOSFET 50W x 4 · MULTI LANGUAGE USER INTERFACE · AUTO FLAP · ROTARY COMMANDER · iPod DIRECT CONTROL · REAR USB · AUX REAR IN · OEM REMOTE CONTROL READY · OEM DISPLAY OUTPUT · 3 RCA PRE-OUTS · HI VOLT PRE-OUT · 7 BAND GEQ · ADVANCED SOUND RETRIEVER · BLUETOOTH ADAPTER READY

USB MP3 Plays Windows Media WAV AAC



10-key remote control (Included)

For those who have the highest standards when it comes to sound and tuner performance, Pioneer has developed the top-notch DEH-P7000UB. Connectivity is extensive thanks to the 3 hi-volt RCA pre-outs, rear USB-in, rear Aux-in and IP-Bus. All of its high-tech wizardry has been packed into an attractive design with blue OEL display and multi-language user interface.

KEY FEATURES

- Dot-type OEL display
- Multi-language user interface
- Auto-flap front panel
- iPod Direct Control
- Rear USB-in
- Rear Aux-in
- 3 RCA pre-outs (F+R+S/W or NON-FAD)
- High Pass Filter/Low Pass Filter
- 7-band graphic equaliser (GEQ)
- Disc title memory
- Bluetooth® adapter ready (via CD-BTB200)

MULTI-LANGUAGE USER INTERFACE

Language select
English
FUNC

The DEH-P88RSII, DEH-P800BT and DEH-P7000UB feature a user-friendly multi-language user interface. Select from up to 7 languages* to navigate through the display menu in your language of choice.

** English, French, German, Italian, Spanish, Dutch and Russian.*

OEM DISPLAY OUTPUT

The OEM display output is a practical feature, which allows you to connect your Pioneer headunit to your existing in-car digital display. Basic tuner information, such as frequency and track number, is outputted through the IP-Bus connection via an optional interface, and can be conveniently viewed on your car's very own integrated display.

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

DEH-P6000UB

MP3/WMA/WAV/AAC CD RDS TUNER

Made for iPod

MOSFET 50W x 4 · 2X16 CHARACTER DISPLAY · ROTARY COMMANDER · iPod DIRECT CONTROL · REAR USB · REAR AUX IN · OEM REMOTE CONTROL READY · OEM DISPLAY OUTPUT · 2 RCA PRE-OUTS · DISC TITLE MEMORY · DIRECT SUB DRIVE · 3 BAND PEQ · ADVANCED SOUND RETRIEVER · BLUETOOTH ADAPTER READY

USB MP3 Plays Windows Media WAV AAC

Pioneer
USB-IPOD
270/271
0 100

Card-type remote control
(Included)

Add some fun and versatility to your in-car system with the DEH-P6000UB. While the 2 RCA pre-outs, rear Aux-in, rear USB-in and IP-Bus connection deliver the necessary expansion possibilities, the blue OEL flap-type display with 2-line 16-character display gives this unit the trendy looks to match.

KEY FEATURES

- Blue OEL display
- 2-line 16-character display
- iPod Direct Control
- Rear USB-in
- Rear Aux-in
- 2 RCA pre-outs (F+R or S/W)
- OEM display output
- Expansion unit control
  (multi-CD, TV, multi-DVD, iPod, Bluetooth® adapter) via IP-Bus connector
- High Pass Filter/Low Pass Filter
- 3-band parametric equaliser (PEQ)
- Bluetooth® adapter ready (via CD-BTB200)

CD-BTB200

BLUETOOTH® ADAPTER

Bluetooth®

If you have an IP-Bus connection on your Pioneer headunit, you can enjoy the freedom of true wireless in-car telephony with the CD-BTB200 Bluetooth® adapter. This add-on solution makes sure your headunit automatically picks up your Bluetooth®-enabled* mobile phone’s signal. The CD-BTB200 also incorporates the audio profile to enable audio streaming from a Bluetooth®-enabled mobile phone or portable audio player.

Pioneer
CD-BTB200
BLUETOOTH ADAPTER
Bluetooth

* *Find out whether your mobile phone is compatible at www.pioneer.co.uk*

Note: The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Pioneer is under license.

For full features and specifications, please see pages 118 to 119.

High Power CD RDS Tuners

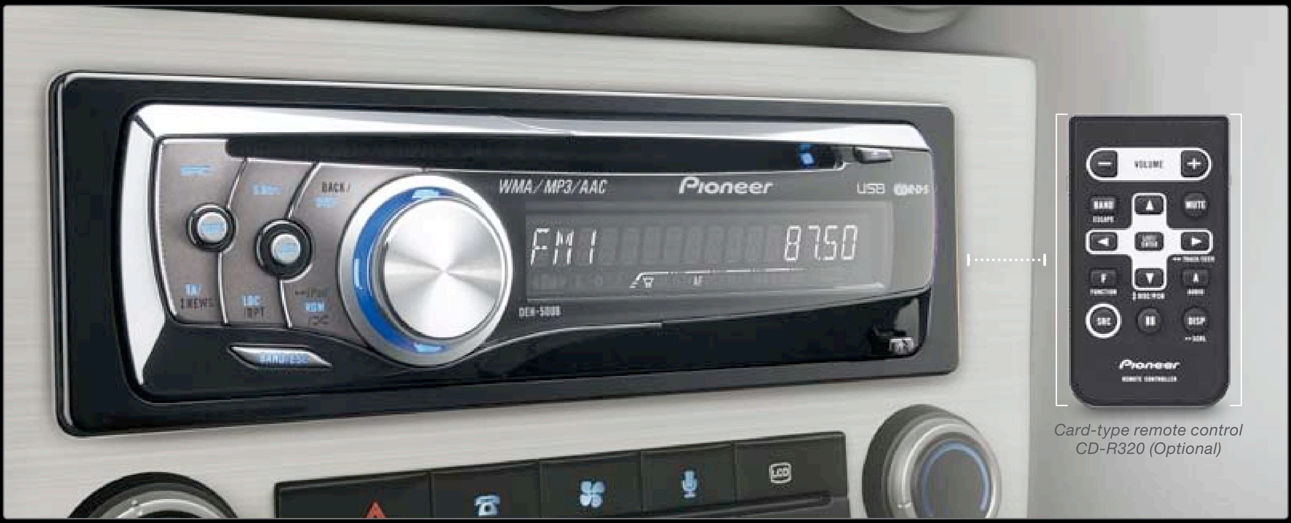
DEH-50UB

MP3/WMA/WAV/AAC CD RDS TUNER

Made for iPod

MOSFET 50W x 4 · RDS · 1 X 16 CHARACTER DISPLAY · ROTARY COMMANDER · iPod DIRECT CONTROL · REAR USB · REAR AUX IN · OEM REMOTE CONTROL READY · 1 RCA PRE-OUT · DISC TITLE MEMORY · DIRECT SUB DRIVE · HIGH/LOW PASS FILTER · 3 BAND PEQ · ADVANCED SOUND RETRIEVER

USB MP3 Plays Windows Media WAV AAC



Card-type remote control CD-R320 (Optional)

The DEH-50UB offers iPod Direct Control, allowing you to hook up your iPod directly to the unit (via the optional iPod-to-USB connection cable CD-IU50).

Quickly navigate through all your digital content using the rotary commander or via the optional infrared remote control. Sonic satisfaction guaranteed.

KEY FEATURES

- 1-line 16-character display
- MP3/WMA/WAV/AAC playback
- iPod Direct Control
- Rear USB-in
- Rear Aux-in
- 1 RCA pre-out
- Rotary commander
- Optional remote control (CD-R320)
- OEM remote control ready
- Direct sub drive

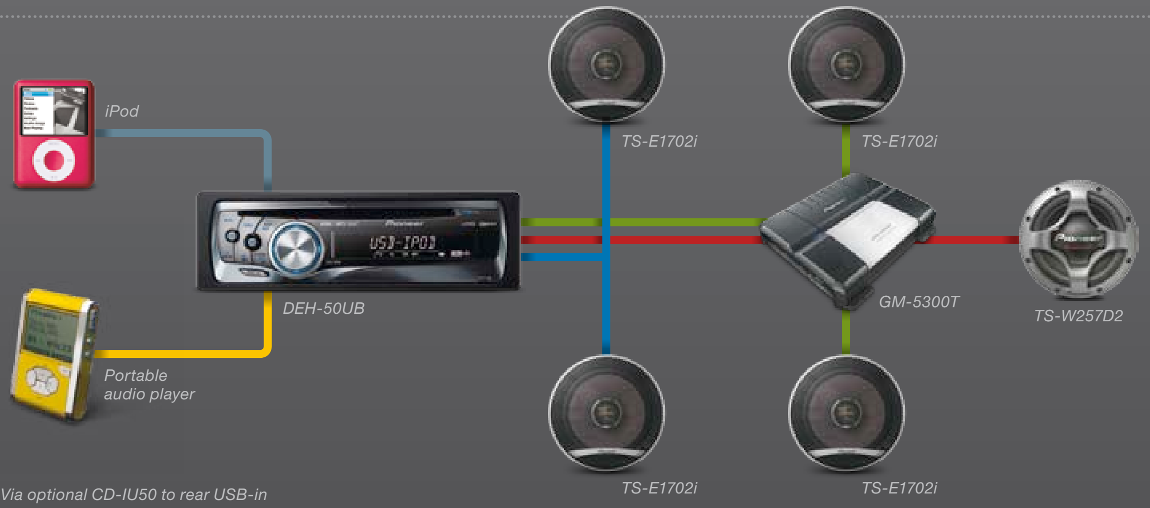
ROTARY COMMANDER

The rotary commander provides an easy and fast way to headunit control, with all functions and features brought back to one dial button. You can navigate through the settings menu, scan for radio stations and access folders and files by rotating or pushing the dial button in any direction.

S.Rtrv
BACK/DISP
WMA/M
LIST
LOC/RPT
iPod
RDM
DEH-50U
BAND/ESC

The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

SYSTEM SET-UP EXAMPLE

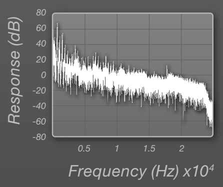


- ▬ *Via optional CD-IU50 to rear USB-in*
- 🟨 *To rear Aux-in*
- 🟦 *Front speakers*
- 🟩 *Rear speakers RCA pre-out*
- 🟥 *Via Direct subwoofer drive*

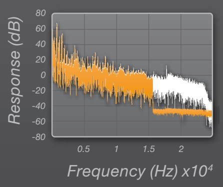
PIONEER ADVANCED SOUND RETRIEVER (ASR)

Compressed audio such as MP3 may be convenient, but it can result in inferior sound quality. Pioneer ASR restores harmonics that are lost during compression by using compressed audio data to calculate the original harmonics, and enabling their re-creation based on the calculation algorithm. Pioneer ASR adjusts frequency response and sound pressure, especially in the high frequency and low frequency ranges, to revitalise the density and presence of the compressed signal. The result is an improved sound quality with the staging, density and feeling restored to the level of the original recording.

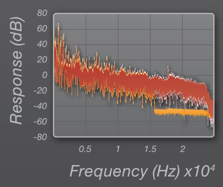
Original sound



Compressed audio sound



ASR restores the sound quality of the compressed audio to the level of the original recording.



CD-IU50

iPod-TO-USB INTERFACE CABLE

Made for iPod

USB iPod DIRECT CONTROL

Enjoy your full iPod music collection in your car without the need for an additional adapter. Pioneer headunits that feature iPod Direct Control and a rear USB-in terminal let you hook up your iPod directly via the optional iPod-to-USB interface cable CD-IU50. The iPod can be controlled from the headunit, but also via an IR remote control or hard-wired (OEM) remote control. What's more, when hooked up, the headunit doubles as a battery charger for the iPod.

Note: For more information, please consult our website at www.pioneer.co.uk

For full features and specifications, please see pages 118 to 119.

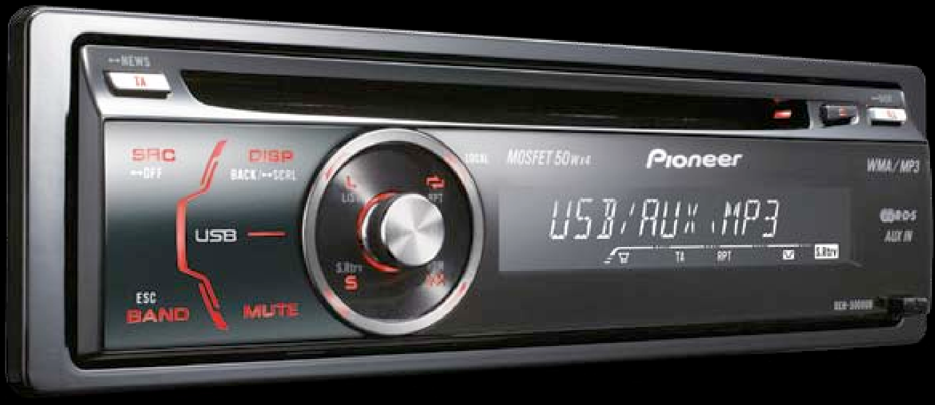
High Power CD RDS Tuners

DEH-5000UB

MP3/WMA/WAV CD RDS TUNER

MOSFET 50W x 4 | RDS | 0123 10 COLOURS DISPLAY/BUTTONS | 1 X 16 CHARACTER DISPLAY | ROTARY COMMANDER | REAR USB | REAR AUX IN | OEM REMOTE CONTROL READY | 1 RCA PRE-OUT | DISC TITLE MEMORY | DIRECT SUB DRIVE | HIGH/LOW PASS FILTER | 3 BAND PEQ | ADVANCED SOUND RETRIEVER

USB MP3 Plays Windows Media™ WAV



VOLUME
BAND
MUTE
SRC
DISP
Pioneer

Card-type remote control
CD-R320 (Optional)

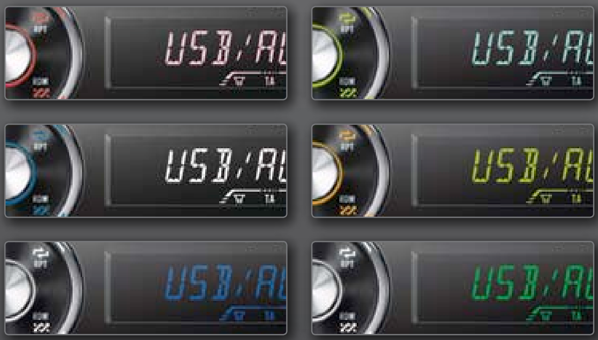
This sleek CD RDS tuner offers music fans a range of useful gadgets. The handy rear USB-in and rear Aux-in terminals allow you to hook up all sorts of external audio sources. Or play MP3, WMA and WAV tracks that you've burned onto a CD-R/CD-RW. With customisable display colours and button illumination, the DEH-5000UB leaves nothing to be desired.

KEY FEATURES

- 10-colour display/buttons
- 1-line 16-character display
- Rear USB-in
- Rear Aux-in
- 1 RCA pre-out
- Direct sub drive
- Rotary commander
- OEM remote control ready
- MP3/WMA/WAV playback
- Optional remote control (CD-R320)
- Cellular telephone auto muting

CUSTOMISABLE DISPLAY AND BUTTON COLOURS

Give your dashboard a more personal touch or better integrate your headunit with the car's colour scheme. Choose from 10 colours to separately customise your headunit's display and button colours. In addition, the 'Rainbow Mode' feature automatically runs through all colours in a loop, turning your dashboard into a visual feast.



The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

DEH-3000MP

MP3/WMA/WAV CD RDS TUNER

MOSFET 50W x 4 | RDS | CD-R CD-RW | FRONT AUX IN | OEM REMOTE CONTROL READY | 1 RCA PRE-OUT | SLA | CD TEXT | TEL MUTE

MP3 | Plays Windows Media™ | WAV

AUDIO
SCRL
DISP
EQ
LOUD
WMA/MP3
Pioneer
MOSFET 50W x 4
SPR_BASS
TRK
06
AF
MP3
RPT
LOUD
FUNC
BAND
ESC
TA
AF
1
2
3
4
5
6
DEH-3000MP
AUX

Steering wheel remote control
CD-SR100 (Optional)

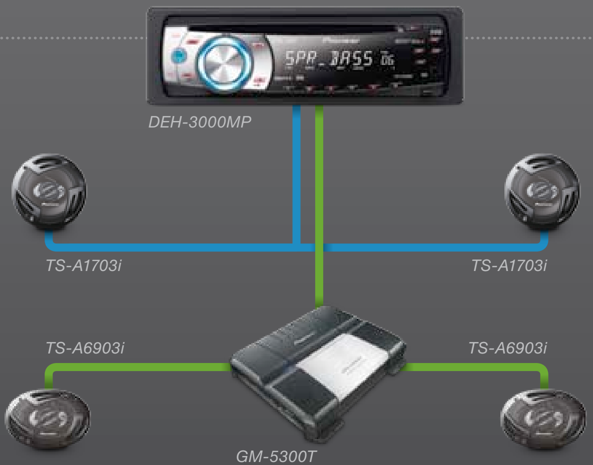
The DEH-3000MP digital AM/FM tuner provides ideal radio reception and both CD-R and CD-RW playback without breaking the bank. For audio reinforcement, you can add an amplifier with additional speakers or a subwoofer to your system via the RCA pre-out.

KEY FEATURES

- MP3/WMA/WAV playback
- MOSFET 50 W x 4
- Front Aux-in
- AM/FM RDS tuner (18 presets)
- CD/CD-R/CD-RW playback
- 1 RCA pre-out
- Rotary volume
- Optional steering wheel remote control (CD-SR100)
- OEM remote control ready
- CD text

EXPAND YOUR SYSTEM

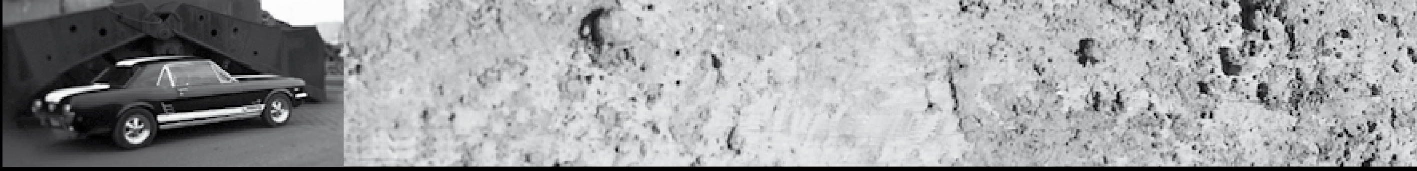
With the RCA pre-outs, you can easily add extra amplifiers and speakers to your in-car sound system. Whatever set-up you select, you are certain to enjoy crystal-clear, distortion-free sound output. Pioneer's CD RDS tuners can feature up to 3 RCA pre-outs. In the opposite 1 RCA system set-up the amplifier drives the rear speakers. The front speakers are hooked up directly to the headunit.


DEH-3000MP
TS-A1703i
TS-A1703i
TS-A6903i
TS-A6903i
GM-5300T

🟦 *Front speakers*

🟩 *Rear speakers RCA pre-out*

For full features and specifications, please see pages 118 to 119.



High Power CD RDS Tuners

DEH-2000MP / DEH-2020MP / DEH-2000MPB

MP3/WMA/WAV CD RDS TUNER

MOSFET 50W x 4 · RDS · CD-R CD-RW · FRONT AUX IN · OEM REMOTE CONTROL READY · SLA · CD TEXT · TEL MUTE

MP3 · Plays Windows Media · WAV

Pioneer
WMA_MP3
03
MOSFET 50W x 4
AUX
DEH-2000MP

DEH-2000MP

DEH-2020MP

DEH-2000MPB

Offering key Pioneer technology and ample power, this digital AM/FM headunit gives you great value for money. Play MP3, WMA and WAV tracks that you've burned onto a CD-R/CD-RW. Or directly hook up external music sources via the front Aux-in terminal. The DEH-2000MP is also available as the DEH-2020MP and the DEH-2000MPB with either green button illumination or a blue colour display.

KEY FEATURES

- MP3/WMA/WAV playback
- CD text
- MOSFET 50 W x 4
- Front Aux-in
- CD/CD-R/CD-RW playback
- AM/FM RDS tuner (18 presets)
- Power save mode
- Rotary volume
- OEM remote control ready
- Cellular telephone auto muting

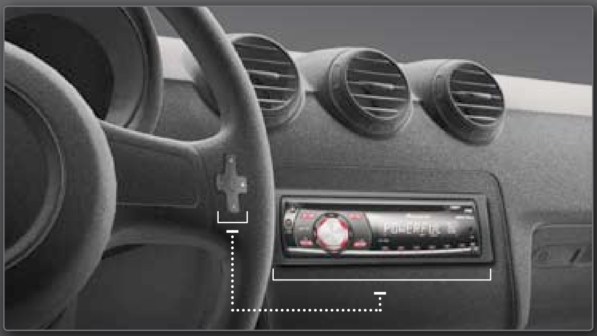
MP3 · Plays Windows Media · WAV MP3/WMA/WAV PLAYBACK

MP3, WMA and WAV compatible headunits allow you to enjoy compressed and coded audio files. The main advantage is that MP3, WMA and WAV files are very limited in size. This way, you can create huge music libraries on one single CD, which makes for hours and hours of unspoiled listening pleasure. Audio files can be edited and archived into several layers of subfolders, while functionalities like Random Play, Repeat and Resume make listening even more pleasurable.

OEM REMOTE CONTROL INPUT

If your car features an existing steering wheel remote control, you can connect it to your headunit and take full control via that remote control. By using an optional OEM remote control adapter, the headunit can be hard-wired directly to the car's original remote control system via the mini-jack input at the back of the headunit. A simple, convenient and safe feature that lets you keep both hands on the wheel.

Note: To find the right adapter for specific car brands and models, please visit www.pioneer.co.uk

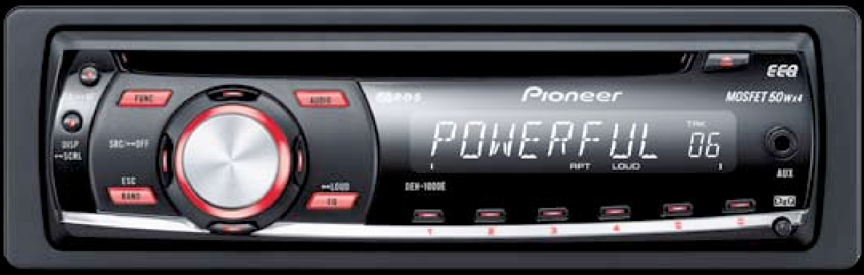


The key features of each product are indicated by means of icons. Step-up features versus lower models are highlighted in blue. For a full explanation on all icons, see pages 126 and 127.

DEH-1000E / DEH-1020E

CD RDS TUNER

MOSFET 50W x 4 · RDS · CD-R CD-RW · FRONT AUX IN · OEM REMOTE CONTROL READY · SLA · TEL MUTE



DEH-1000E

DEH-1020E

This entry-level headunit with built-in digital AM/FM tuner brings you renowned Pioneer quality. The front Aux-in terminal ensures effortless connection of external music sources while the sturdy 50 W x 4 amplifier delivers great audio performance. The DEH-1000E is also available as the DEH-1020E, which features green button illumination.

KEY FEATURES

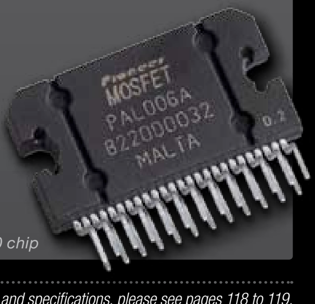
- MOSFET 50 W x 4
- AM/FM RDS tuner (18 presets)
- Front Aux-in
- CD/CD-R/CD-RW playback
- Cellular telephone auto muting
- Rotary volume
- Removable front panel
- OEM remote control ready
- Power save mode

ROTARY VOLUME

The rotary volume control is a clever ergonomic element that makes Pioneer headunits stand out. Simply rotate the button to crank up the volume.

MOSFET 50 W X 4 AMPLIFIER

MOSFET amplifiers are recognised by audiophiles as offering extremely refined audio quality. Pioneer's MOSFET 50 offers an optimal level of performance, while pumping out an impressive 4 x 50 W of power. As a result, MOSFET amplifiers offer enhanced sound quality with efficient power handling and minimal distortion.



MOSFET 50 chip

For full features and specifications, please see pages 118 to 119.

iPod Function Compatibility Chart

PIONEER PRODUCTS	iPod generation release: BASIC FUNCTION	iPod (Dock connector)	iPod (Click wheel)	iPod mini	iPod photo	iPod nano (1st gen)
		APR/2003-	JUL/2004-	JAN/2004-	OCT/2004-	SEP/2005-
IP-Bus adapters / 2008 CD tuner	Battery charging	OK	OK	OK	OK	OK
CD-IB100	List browsing	OK	OK	OK	OK	OK
CD-IB100 II	Music playback (*1)	OK	OK	OK	OK	OK
DEH-P800BT	Video playback	N/A	N/A	N/A	N/A	N/A
2008 CD/DVD tuners	Battery charging	Not supported	Not supported	Not supported	Not supported	OK
DEH-50UB, DEH-P6000UB	List browsing	Not supported	Not supported	Not supported	Not supported	OK
DEH-P7000UB, DEH-P700BT	Music playback (*1)	Not supported	Not supported	Not supported	Not supported	OK
FH-P80BT, DVH-P5000UB	Video playback	N/A	N/A	N/A	N/A	N/A
2008 AV headunits	Battery charging	OK	OK	OK	OK	OK
AVH-P4000DVD	List browsing	OK	OK	OK	OK	OK
AVH-P5000DVD	Music playback (*1)	OK	OK	OK	OK	OK
	Video playback	N/A	N/A	N/A	N/A	N/A
2007/2008 AV headunit	Battery charging	OK	OK	OK	OK	OK
AVH-P5900DVD	List browsing	OK	OK	OK	OK	OK
	Music playback (*1)	OK	OK	OK	OK	OK
	Video playback	N/A	N/A	N/A	N/A	N/A
2008 Navigation	Battery charging	Not supported	Not supported	Not supported	Not supported	OK
AVIC-X3II	List browsing	Not supported	Not supported	Not supported	Not supported	OK
	Music playback (*1)	Not supported	Not supported	Not supported	Not supported	OK
	Video playback	N/A	N/A	N/A	N/A	N/A
2008 Navigation	Battery charging	Not supported	Not supported	Not supported	Not supported	OK
AVIC-F900BT (*2)	List browsing	Not supported	Not supported	Not supported	Not supported	OK
AVIC-F700BT (*2)	Music playback (*1)	Not supported	Not supported	Not supported	Not supported	OK
AVIC-F500BT (*2)	Video playback	N/A	N/A	N/A	N/A	N/A

PIONEER PRODUCTS	iPod generation release: BASIC FUNCTION	iPod video	iPod nano (2nd gen)	iPod classic	iPod nano (3rd gen)	iPod touch
		OCT/2005-	SEP/2006-	SEP/2007-	SEP/2007-	SEP/2007-
IP-Bus adapters / 2008 CD tuner	Battery charging	OK	OK	OK	OK	OK
CD-IB100	List browsing	OK	OK	OK	OK	OK
CD-IB100 II	Music playback (*1)	OK	OK	OK	OK	OK
DEH-P800BT	Video playback	N/A	N/A	N/A	N/A	N/A
2008 CD/DVD tuners	Battery charging	OK	OK	OK	OK	OK
DEH-50UB, DEH-P6000UB	List browsing	OK	OK	OK	OK	OK
DEH-P7000UB, DEH-P700BT	Music playback (*1)	OK	OK	OK	OK	OK
FH-P80BT, DVH-P5000UB	Video playback	N/A	N/A	N/A	N/A	N/A
2008 AV headunits	Battery charging	OK	OK	OK	OK	OK
AVH-P4000DVD	List browsing	OK	OK	OK	OK	OK
AVH-P5000DVD	Music playback (*1)	OK	OK	OK	OK	OK
	Video playback	OK	N/A	OK	OK	OK
2007/2008 AV headunit	Battery charging	OK	OK	OK	OK	OK
AVH-P5900DVD	List browsing	OK	OK	OK	OK	OK
	Music playback (*1)	OK	OK	OK	OK	OK
	Video playback	OK	N/A	Not supported (*3)	Not supported (*3)	Not supported (*3)
2008 Navigation	Battery charging	OK	OK	OK	OK	OK
AVIC-X3II	List browsing	OK	OK	OK	OK	OK
	Music playback (*1)	OK	OK	OK	OK	OK
	Video playback	OK	N/A	OK	OK	Not supported
2008 Navigation	Battery charging	OK	OK	OK	OK	OK
AVIC-F900BT (*2)	List browsing	OK	OK	OK	OK	OK
AVIC-F700BT (*2)	Music playback (*1)	OK	OK	OK	OK	OK
AVIC-F500BT (*2)	Video playback	OK	N/A	OK	OK	OK

Legend:

OK: Function fully operational.
N/A: Function is originally not available on iPod or Pioneer unit.

Remarks:

**1 Music playback = TRACK UP/DOWN, FF/REV, PAUSE, REPEAT, SHUFFLE.*
**2 Please refer to our website for compatible iPod firmware information particularly for AVIC-F900BT, AVIC-F700BT and AVIC-F500BT.*
**3 Video playback is not supported on the AVH-P5900DVD due to an interface specification change with iPods released after September 2007.*

Notes:

- *Pioneer does not guarantee the future compatibility of our products with any iPod (or iPod firmware update) which is released after the Pioneer product release.*
- *The above compatibility information is based on the following iPod firmware version. iPod (dock connector) [ver.2.3], iPod (click wheel) [ver.3.1.1], iPod "photo" [ver.1.2.1], iPod "video" [ver.1.2.1], iPod classic [ver.1.0.2], iPod mini [ver.1.4.1], iPod nano 1st gen. [ver.1.3.1], iPod nano 2nd gen [ver.1.1.3], iPod nano 3rd gen [ver.1.0.2], iPod touch [ver.1.1.1].*
- *iPod shuffle is not supported. Only iPods with a "30-pin Dock Connector" are connectable.*

Adapter Compatibility Chart

Check the overview below to find out which adapters can be used with your specific headunit and whether they offer full or limited compatibility.

		CD-IB100 II	CD-BTB200/ND-BT1	CD-UB100	CD-I200	CD-IU50	CD-IU230V	CD-IU200VM
		iPod INTERFACE ADAPTER	BLUETOOTH® ADAPTER	USB ADAPTER	iPod INTERFACE CABLE	iPod-TO-USB CABLE	iPod-TO-USB CABLE	iPod-TO-USB CABLE
NAVIGATION	AVIC-HD3II	Full	Full (ND-BT1)	Limited	–	–	–	–
	AVIC-HD3BT	Full	–	Limited	–	–	–	–
	AVIC-HD1BT	Full	–	Limited	–	–	–	–
	AVIC-X3BT	Full	Included	Full	•	–	–	–
	AVIC-X3II	Full	Full	Full	•	–	–	–
	AVIC-X1BT	Full	–	Limited	–	–	–	–
	AVIC-X1R	–	–	–	–	–	–	–
	AVIC-X1	Limited*	Full	Limited	•	–	–	–
	AVIC-D3	Limited*	Full	Limited	•	–	–	–
	AVIC-F900BT	–	– (built-in)	–	–	–	•	–
	AVIC-F700BT	–	– (built-in)	–	–	–	•	–
	AVIC-F500BT	–	– (built-in)	–	–	–	–	•
AV HEADUNITS	AVH-P5900DVD	Limited*	Full	Full	•	–	–	–
	AVH-P5000DVD	–*	Full	–*	•	–	–	–
	AVH-P4000DVD	–*	Full	–*	•	–	–	–
2008 HEADUNITS	DEH-P88RSII	Full	Limited	Limited	–	–	–	–
	DVH-P5000UB	Full	Full	Limited	–	•	–	–
	FH-P80BT	Full	– (built-in)	–*	–	•	–	–
	DEH-P800BT	Limited*	– (built-in)	Full	•	–	–	–
	DEH-P700BT	Full	– (built-in)	–*	–	•	–	–
	DEH-P7000UB	Full	Full	–*	–	•	–	–
	DEH-P6000UB	Full	Full	Limited	–	•	–	–
2007 HEADUNITS	DVH-P5900MP	Full	Limited	Full	–	–	–	–
	DEH-P9800BT	Full	–	Limited	–	–	–	–
	DEH-P88RS	Full	Limited	Limited	–	–	–	–
	DEH-P85BT	Limited*	–	Full	•	–	–	–
	DEH-P7900UB	Full	Full	–*	–	•	–	–
	DEH-P65BT	Full	–	Limited	–	–	–	–
	DEH-P6900IB	Limited*	Full	Full	•	–	–	–
	DEH-P5900MP	Full	Limited	Limited	–	–	–	–
	DEH-P4900IB	Limited*	Limited	Full	•	–	–	–
	DEH-P40MP	Full	Limited	Limited	–	–	–	–
ALL OTHER	All other DEH-P models	Limited	Limited	Limited	–	–	–	–
	All other AVH-P models	Limited	Limited	Limited	–	–	–	–

* Direct connection is available.

CD-IB100 II

FULL
- Source name “iPod” appears on H/U.
- Text information (Song/Artist/Album) can be displayed on H/U.

LIMITED
- Source on H/U becomes “EXT1” or “EXT2”.
- Text information (Song/Artist/Album) can not be displayed or requires operation using “FUNC” key to display.

CD-BTB200/ND-BT1

FULL
- Source name “TEL” appears on H/U.
- Text information can be displayed on H/U.

LIMITED
- Source on H/U becomes “EXT1” or “EXT2”.
- Text information can not be displayed or requires operation using “FUNC” key to display.

CD-UB100

FULL
- Source name “USB” appears on H/U.
- Text information can be displayed on H/U.

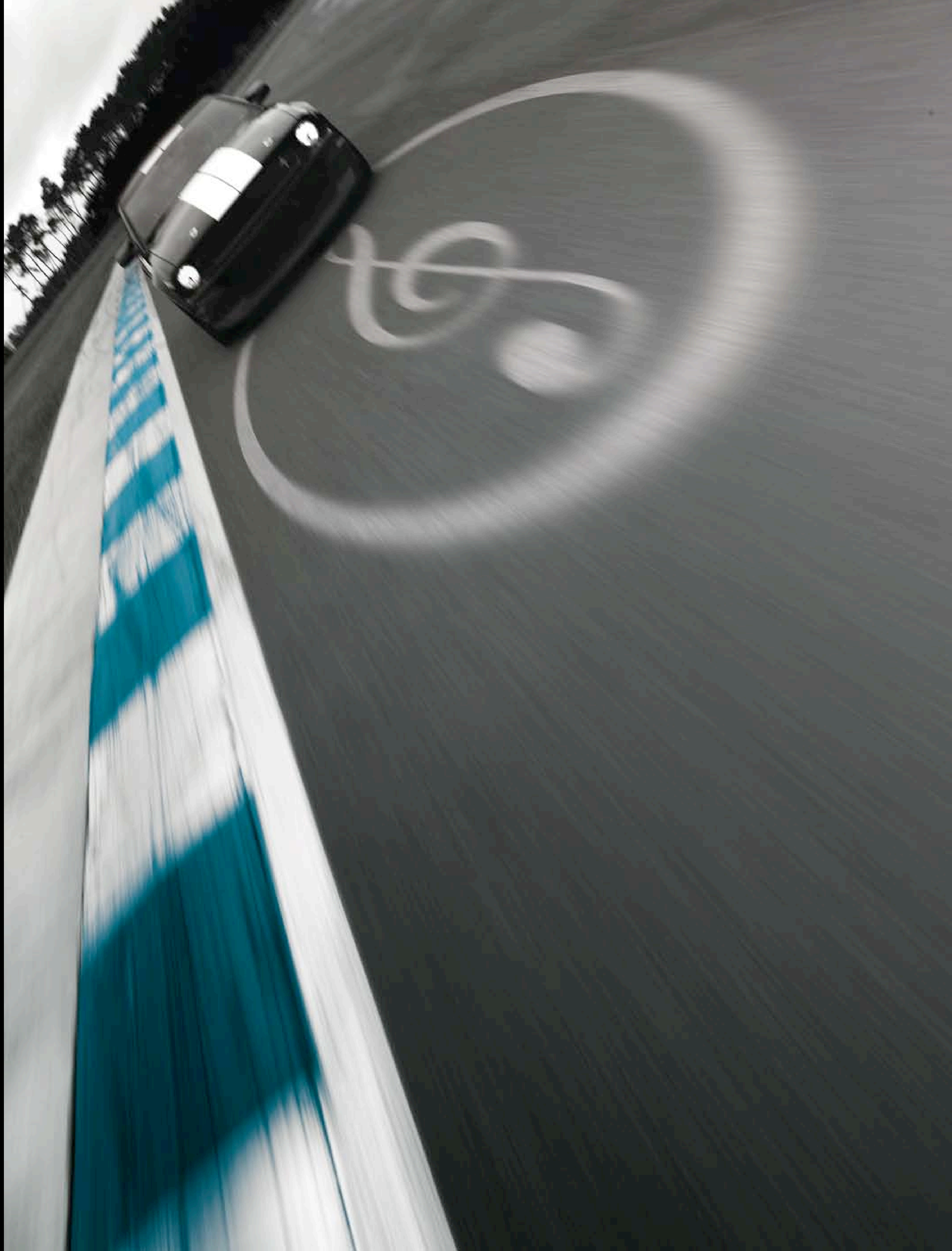
LIMITED
- Source on H/U becomes “EXT1” or “EXT2”.
- Text information can not be displayed or requires operation using “FUNC” key to display.

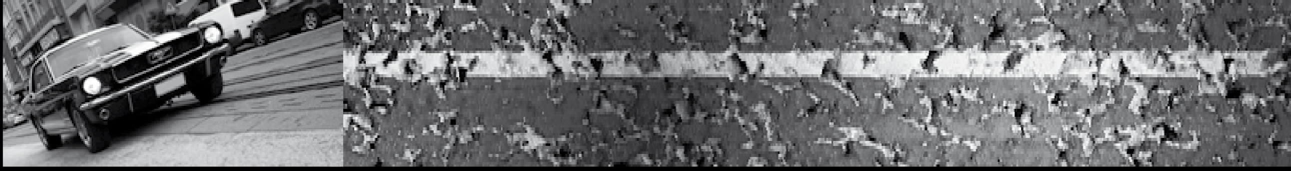
Unsurpassed quality. Musical purity.

PRS – Pioneer Reference Series

The Pioneer Reference Series delivers the pinnacle of sound quality. It combines the most advanced components with innovative technologies and the highest quality materials. The end result is the purest audio reproduction on the market, packed in sophisticated, high-end designs. The PRS will thrill even the most hard-to-please audiophiles. That's crystal-clear.

DEH-P88RSII
PRS-D1200M
TS-C171PRS





PRS: The Reference for Sound Quality

Always looking forward, Pioneer continually sets new benchmarks for audio quality. The Pioneer Reference Series (PRS) allows you to create true and powerful in-car sound. Drawing on the experience of Team Pioneer, a group of passionate audio specialists on a quest for perfect sound, we were able to develop the best in-car entertainment experience on the market. PRS components are repeatedly chosen by competitors on the high-quality sound circuit for their outstanding audio reproduction and sophisticated design. They will undoubtedly ignite your passion for crisp and clear sound.

Pure Sound Quality Tuner

- The successor to the acclaimed DEH-P88RS, European champion in the EMMA sound quality competition.
- Linear Technology OP amp; the perfect match for the PRS-A900 amplifier.
- Power supply upgrade (independent DAC power supply) for improved sound impression.
- Slick black design.
- Aluminium knob & plate.
- Full-custom capacitor for power supply.

DEH-P88RSII

Pioneer
FANTASIA.MP3
03' 16"

PRS-A900

Clear Audio Reproduction

- High-end 4-channel amplifier that inherits the design philosophy of the Optical Digital Reference (ODR) series.
- High-quality sound thanks to innovative circuit design and technology.
- Full symmetrical layout; a world's first!
- Total vibration control thanks to the anti-resonance H-shaped chassis.
- Filterless design.
- Power supply upgrade.

Superior Speaker System

- This 200 W separate component 2-way speaker system redefines sound perfection.
- Only carefully chosen, precision-engineered components.
- Thanks to the 17 cm Ø 3-layer IMX™ (Injection Moulded Matrix) cone woofer, you can expect smooth sound from mid-bass to upper midrange frequencies.
- The ultra-lightweight 28 mm Ø soft dome tweeter accurately reproduces the high notes.
- The passive crossover network guarantees an optimal distribution of low and high frequencies to the woofer and tweeter.
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter.

TS-C171PRS

The Quest for Perfect Sound

Always pursuing perfect sound, Team Pioneer continually challenges us to analyse the demands of the team and develop a 'real car-use competition speaker'. The experience we gain from working closely with Team Pioneer has taught us about the necessity to improve in-car sound quality and the priority it needs to be given.

After years of continuous interaction between Team Pioneer and our sound engineers, we can finally present the Open & Smooth™ concept. Embedded in many Pioneer products, from our high-end speakers to our TS-E and TS-A speaker series, this new concept lets you immerse yourself in pure sound that sets your pulse racing.

PIONEER'S SOUND CONCEPT: OPEN & SMOOTH™

Only speakers that reproduce the ambience in which sounds originate can guarantee truly accurate sound. Stage size, the movement of musicians, aural reflection and other distinctive details all bring these sounds to life.

The Open & Smooth™ sound of Pioneer's industry-leading speakers delivers both sonic excellence and performance. The open staging and smooth transition of the driver's response make for an immersive experience that is truly the ultimate in in-car sound.

Like a smooth, open road, the journey to perfect in-car sound treats passengers to dramatic sensations moving with natural, dynamic flow.

Open

Open staging and sound characteristics enhance the widening effect that extends way beyond the space between speakers.

Smooth

With smooth transitions between mid-bass and tweeter, the sound from these speakers is not marred by crossover frequency dips.

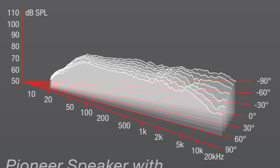
OPEN & SMOOTH™: WHY AND HOW?

Only by pursuing perfection can we realise accurate mid-range sound reproduction and music that lacks for nothing, with flat response.

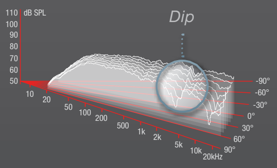
Pioneer's approach to perfect sound relies on a foundation of Smoother Off-axis Response, Low Crossover Frequency and Low Distortion.

SMOOTHER OFF-AXIS RESPONSE

To ensure superior directivity Pioneer's range of sophisticated speakers always maintain more open, smooth, expansive, multidimensional sound with stereoscopic, expansive staging, yet without the dramatic dips and inconsistencies that lesser speakers can produce when angled in certain directions.



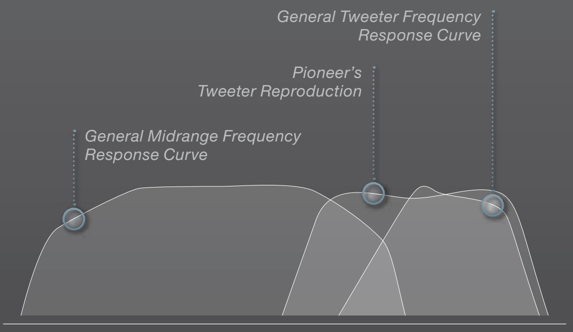
Pioneer Speaker with Open & Smooth™ Technology



Other Manufacturer's Speaker

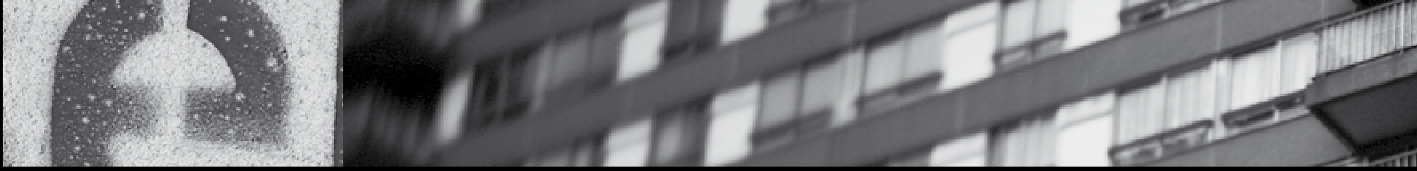
LOW CROSSOVER FREQUENCY

Pioneer expands the tweeters' frequency response for fuller midrange fidelity.



LOW DISTORTION

Pioneer's innovative ways to suppress distortion include light, rigid cones that significantly reduce mid-to-low range distortion and reproduce sound staging to natural effect.



PRS CD RDS Tuner

DEH-P88RSII

MP3/WMA/WAV/AAC CD RDS TUNER

MOSFET 50W x 4 | D4Q+ | CD TEXT | DISC TITLE MEMORY | OEM REMOTE CONTROL READY | OEM DISPLAY OUTPUT | REAR AUX IN | 3 RCA PRE-OUTS | HIGH/LOW PASS FILTER | ADVANCED DSP | ROTARY COMMANDER | MULTI LANGUAGE USER INTERFACE | WHITE OEL | BLUETOOTH ADAPTER READY

MP3 Plays Windows Media **WAV AAC**

Pioneer
Powerful

Card-type remote control (Included)

Following in the footsteps of the successful DEH-P88RS, European Champion in the EMMA (European Mobile Media Association) sound quality competition, comes the DEH-P88RSII. You can see why this CD RDS tuner is also destined to be a winner. Classy design. Powerful, pure audio. With its new OP amp, it is the perfect match for the PRS-D220 and PRS-D420 amplifiers. Your optimum in-car sound system is within reach.

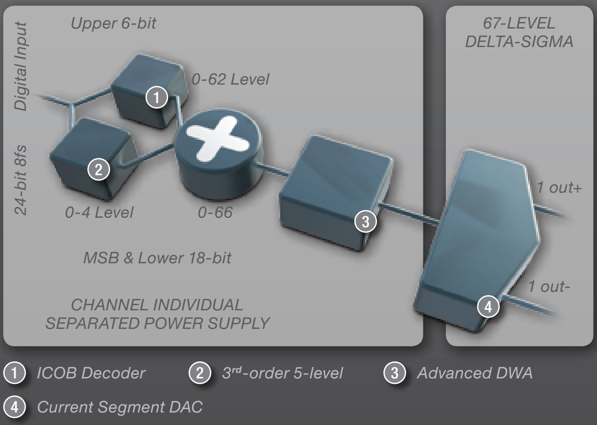
KEY FEATURES

- D4Q+ AM/FM digital tuner
- Multi-language user interface (EN, FR, GE, SP, IT, DU, RU)
- Expansion unit control (multi-CD/TV/multi-DVD) via IP-Bus connector
- 3 hi-volt RCA pre-outs (F+R+S/W or HI+MID+LOW)
- Advanced DSP (Auto Time Alignment and Auto Equaliser)
- 24-bit Advanced Segment-type DAC made by Burr-Brown
- 16-band equaliser (left/right independent)

SUPERIOR SOUND QUALITY

The DEH-P88RSII includes a cutting-edge 24-bit Advanced Segment-type DAC-LSI converter made by Burr-Brown. This stunning piece of engineering combines a 6-bit converter for the upper range with an 18-bit delta-sigma-type converter for the lower range to guarantee superior efficiency through the independent LSI (Hi/Mid/Low). As a result, you can indulge in astonishing sound quality with extremely low noise levels.

DAC OUTLINE



① *ICOB Decoder* ② *3rd-order 5-level* ③ *Advanced DWA*
④ *Current Segment DAC*

The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

Class-FD and Class-D Amplifiers

Pioneer's range of digital amplifiers complements high-power output with razor-sharp audio. The PRS-D1200M mono-channel Class-D amplifier offers the best in digitally amplified audio to drive a big subwoofer. The PRS-D420 and PRS-D220 are both Class-FD amplifiers and boost their performance levels even further by incorporating advanced ICEpower® technology. With their Linear Technology OP amp, they are designed to be combined with the DEH-P88RSII CD RDS tuner. Expect loads of strong high-quality power, and impress anyone who comes near.

PRS-D420
4-CHANNEL CLASS-FD AMPLIFIER

4 x 150 W (4 Ω) / 2 x 600 W (4 Ω) Max.

PRS-D220
2-CHANNEL CLASS-FD AMPLIFIER

2 x 300 W (4 Ω) / 1 x 1200 W (4 Ω) Max.

PRS-D1200M

PRS-D1200M
MONO-CHANNEL CLASS-D AMPLIFIER

1 x 800 W (4 Ω) / 1 x 1200 W (1 Ω/2 Ω) Max.

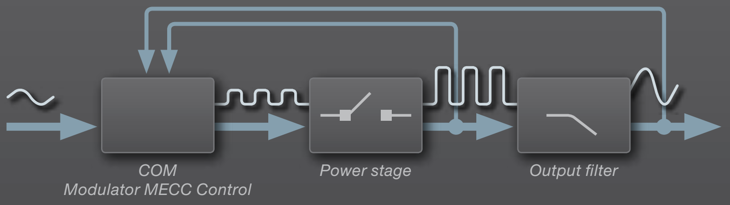
KEY FEATURES (PRS-D420, PRS-D220 & PRS-D1200M)

- Compact design
- ICEpower® technology incorporated (PRS-D420/PRS-D220)
- High Pass Filter (PRS-D420/PRS-D220)
- Low Pass Filter
- Input level/gain control
- Bass boost (PRS-D220/PRS-D1200M)
- Speaker line input sensor (PRS-D1200M)
- Hi-volt input capability
- Gold-plated block-type terminals (RCA/Speakers/Power/Ground)
- Anti-resonance H-shaped chassis

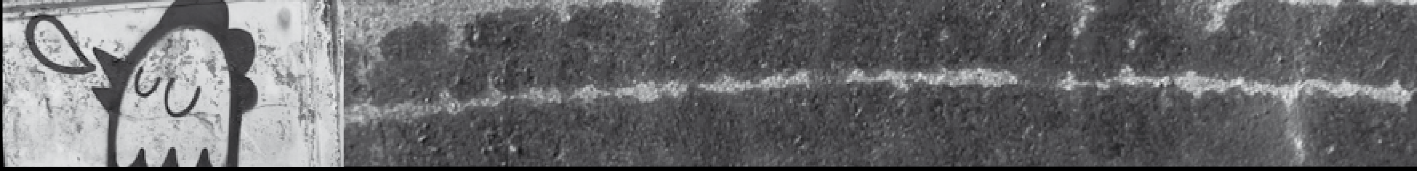
ICEPOWER® – POWER-PACKED DIGITAL PURITY

ICEpower® Full-range Class-D (Class-FD) digital amplifier technology offers a solution to the disadvantages of conventional Class-D amplifiers. By combining the unique Controlled Oscillation Modulation (COM) and the Multivariable Enhanced Cascade Control (MECC) system, ICEpower® technology leads to a considerable increase in efficiency and less distortion compared to conventional Class-D technology.

Initially, the analogue signal is turned into a Pulse Width Modulated (PWM) signal by the COM. After passing through the power stage and the output filter, the signals are fed back to the MECC system where they are compared to the original input signal and any differences are compensated for, thus suppressing the distortion introduced in the power stage and output filter. As a result, ICEpower® digital amplifier technology produces cutting-edge audio performance, which combines power with the greatest purity and clarity.



For full features and specifications, please see pages 118 to 120.



PRS CD RDS Tuner

DEX-P90RS
COMPONENT CD RDS TUNER

CD TEXT · CD-R CD-RW · DISC TITLE MEMORY · RADIO TEXT · ARC/5 · WHITE OEL · 3 RCA PRE-OUTS · HI VOLT PRE-OUT · SLA · DVD SOURCE CONTROL · IP-BUS CONTROL · iPod ADAPTER READY · USB ADAPTER READY · BLUETOOTH ADAPTER READY

DEX-P90RS
Compact Disc TRACK 06
TIME 02' 58"
Unforgettable
-27 dB
12:39
DIGITAL
Pioneer

Closed *Open*

When prestigious design merges with technical flair, the DEX-P90RS emerges on top. Behind its timeless design, 16-bit digital CD data is directly transferred by top-of-the-line 24-bit multi-bit D/A converters, with minimum distortion and the natural sound expression intact. A brilliant component, an unforgettable listening experience.

KEY FEATURES

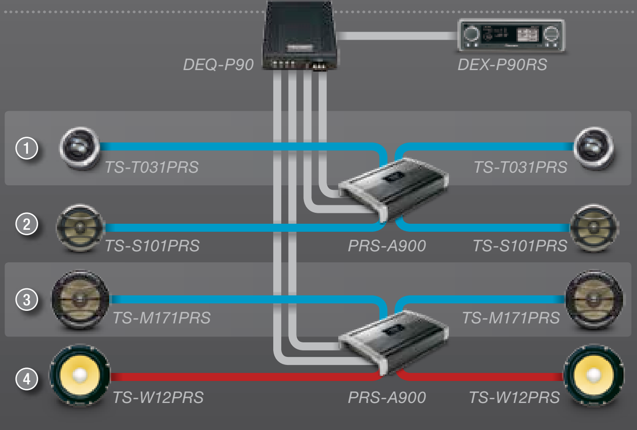
- Optical digital input/output
- 24-bit Burr-Brown D/A converters
- 3 hi-volt RCA pre-outs (F+R+NON-FAD)
- Display off mode
- White OEL display with aluminium front panel
- Copper-plated chassis

DEQ-P90
DIGITAL PREAMP/EQUALISER

KEY FEATURES

- 4-way independent L/R digital crossover network
- 31-band L/R independent graphical EQ
- Time Alignment
- 24-bit Burr-Brown D/A converters

FRONT 3-WAY/2 SUBWOOFER SYSTEM SET-UP


DEQ-P90
DEX-P90RS
①
TS-T031PRS
TS-T031PRS
②
TS-S101PRS
PRS-A900
TS-S101PRS
③
TS-M171PRS
TS-M171PRS
④
TS-W12PRS
PRS-A900
TS-W12PRS

PURE PRS SYSTEM

To get the most from the DEX-P90RS, we strongly recommend you use it in combination with the DEQ-P90, PRS-A900 and the PRS speakers to create a system set-up that suits your sound preference and in-car audio characteristics. Designed to enhance the DEX-P90RS, the DEQ-P90 balances incoming and outgoing signals to match the interior acoustics of your car. In the configuration shown, the external amplifiers are driven by the DEQ-P90's 3 gold-plated hi-volt RCA outputs. These very high-quality outputs use their own balanced plus/minus PWM power supply to minimise noise and distortion. Now you can create the ultimate system with perfectly balanced acoustics.

🟦 *Front*
🟥 *Subwoofer*

① High
② Mid-high
③ Mid-bass
④ Sub

The key features of each product are indicated by means of icons. For a full explanation on all icons, see pages 126 and 127.

High-power and High-quality PRS Amplifier

PRS-A900

4-CHANNEL BRIDGEABLE POWER AMPLIFIER

4 x 100 W (4 Ω) / 2 x 200 W (4 Ω) Max.

Combining loads of power with distortion-free audio, the Pioneer PRS-A900 PRS amplifier offers the highest standards in audio reproduction. It integrates some of the best audiophile-grade components and high-performance technologies – like completely isolated left and right channels, independent left and right power supplies and gain control – to make for a stunning audio package.

KEY FEATURES

- Symmetrically designed current feedback circuit
- Left/right independent power supplies/gain controls
- High-grade bipolar transistor output section
- Hi-volt input capability (Max. 6.5 V)
- Gold-plated block-type speaker/power terminals
- Block-type ground terminals
- Anti-resonance H-shaped chassis
- Audiophile-grade components

FULLY SYMMETRICAL LAYOUT

A world's first, the left and right channel circuits in the PRS-A900 have been positioned completely symmetrically. As they are separated by a copper-coated T-shaped partition board, radiation noise from the power supply is blocked out, resulting in minimised distortion and maximised sound intensity and clarity.

TOTAL VIBRATION CONTROL

Patented sandwich construction

The natural vibrations of a car can be transferred to the components inside an amplifier, causing audible distortion. Advanced resonance frequency testing on various back cover chassis designs led to the development of the PRS-A900's H-shaped chassis, which absorbs the outer vibration. Additionally, the power transistors are kept firmly in place by the patented sandwich construction in order to keep the vibrations from affecting the sound quality.

UNIQUE FILTERLESS DESIGN

To further reduce the ground noise floor, the PRS-A900 does not have a crossover function. This ensures that the left and right channels are completely isolated, reducing noise and enhancing the overall sound experience.

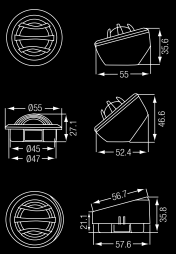
For full features and specifications, please see pages 120 and 121.

PRS High-class Component Speakers

TS-S101PRS
TS-T031PRS

TS-T031PRS 200 W Max.

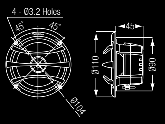
28 MM TWEETER



The TS-T031PRS adds higher sound imaging to your audio, without bringing any harshness to the output quality. The carefully tuned aluminium flange and back cabinet further extend the crossover frequency.

TS-S101PRS 60 W Max.

10 CM MID-HIGH RANGE DRIVER



The TS-S101PRS is an advanced mid-high range driver that manages to reproduce high-quality audio at high-power output. Its light but rigid dual-layer cone is complemented by a Micro Fibre Surround to assure smooth low and mid-range sound reproduction.

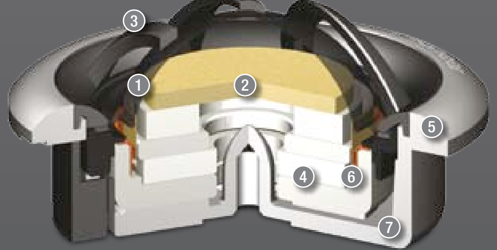
KEY FEATURES

- 28 mm Ø ultra lightweight soft dome diaphragm
- Aluminium flange & back cabinet
- High-powered magnetic circuit with double magnets
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter

KEY FEATURES

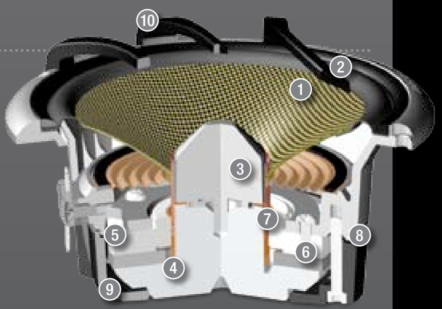
- 10 cm Ø dual-layer composite cone with Aramid Fibre skin and pulp-based cone
- Micro Fibre Surround
- Aluminium centre plug & bottom-hold die-cast chassis
- Neodymium magnet
- Removable magnet cover & aluminium die-cast protection bars

TS-T031PRS CUT VIEW



① Ultra lightweight soft dome diaphragm
② Damping material
③ Protector
④ High-powered magnetic circuit with double magnets
⑤ Aluminium flange and back cabinet
⑥ OFC short ring
⑦ Back chamber

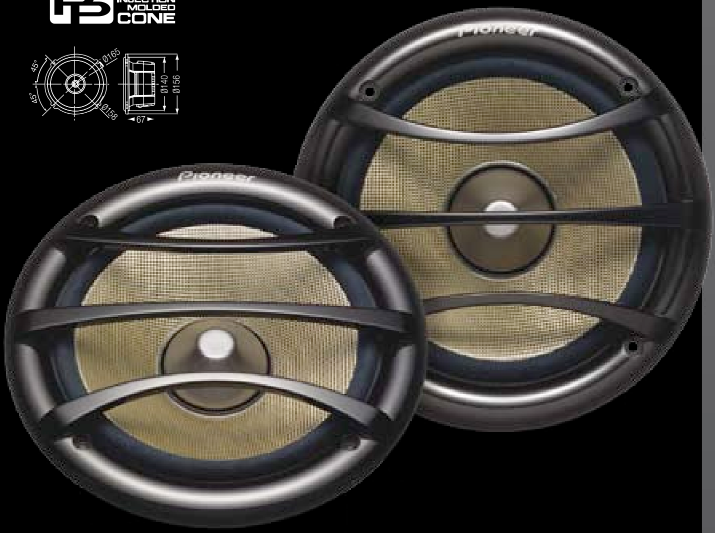
TS-S101PRS CUT VIEW



① Dual-layer composite cone with Aramid Fibre skin and pulp-based cone
② Micro Fibre Surround
③ Aluminium centre plug
④ Dual OFC short ring
⑤ Overhung thick plate
⑥ Neodymium magnet
⑦ Short winding length voice coil
⑧ Bottom-hold aluminium die-cast chassis
⑨ Aluminium die-cast magnet cover
⑩ Removable aluminium die-cast protection bars

TS-M171PRS 200 W Max.

17 CM MID-BASS DRIVER



By combining a 17 cm 3-layer IMX™ (Injection Moulded Matrix) cone woofer and Micro Fibre Surround, the TS-M171PRS provides high-quality bass with great accuracy and low distortion.

KEY FEATURES

- 17 cm Ø 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- Micro Fibre Surround
- Aluminium centre plug, die-cast chassis & die-cast spoke grille
- Overhung thick plate
- Double-stacked magnets

MICRO FIBRE SURROUND

The TS-M171PRS and TS-S101PRS incorporate the extremely light Micro Fibre Surround, which is made of artificial suede. This, combined with a short voice coil and the overhung thick plate, makes for a very smooth and flexible excursion, resulting in superior sound quality.

MULTILAYER CONE TECHNOLOGY

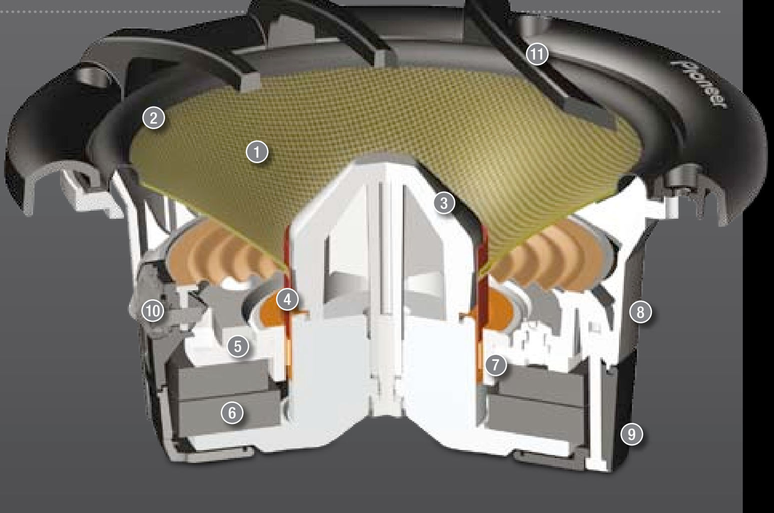
Combining an Aramid Fibre skin, a composite formed IMPP™ cone using Interlaced Aramid Fibre and a Glass Fibre skin, the TS-M171PRS's multilayer cone boasts strong bend rigidity. In addition, because this 3-layer cone does not use an adhesive, it is also lighter. For the TS-S101PRS, a dual-layer composite cone with Aramid Fibre and pulp is used. As a result, the multilayer cone allows for superior sound reproduction throughout the low and mid-high ranges.

LINEAR MOVING SYSTEM WITH MAGNETIC CIRCUIT

The TS-M171PRS and TS-S101PRS incorporate a short voice coil and special magnetic circuit design with overhung surround. Thanks to this construction, the TS-M171PRS and TS-S101PRS ensure symmetrical distribution of the magnetic flux and an accurate excursion.

TS-M171PRS CUT VIEW

① 3-layer IMX™ (Injection Moulded Matrix) cone woofer
② Micro Fibre Surround
③ Aluminium centre plug
④ Dual OFC short ring
⑤ Overhung thick plate
⑥ Double-stacked magnets
⑦ Short winding length voice coil
⑧ Aluminium die-cast chassis
⑨ Aluminium die-cast magnet cover
⑩ Gold-plated screw terminals
⑪ Aluminium die-cast spoke grille



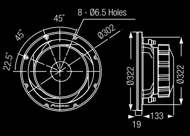
For full features and specifications, please see page 121.

PRS High-class Component Subwoofer

TS-W12PRS 1200 W Max.

30 CM DUAL VOICE COIL SUBWOOFER

FOR ENCLOSURE USE

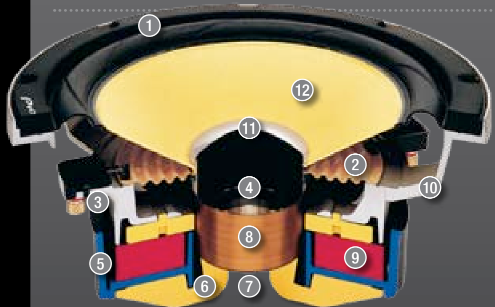


This powerful subwoofer is equipped with a Voice Coil Cooling System (VCCS™) to keep the subwoofer cool, so the sound stays natural. There's also a dual-layer long voice coil (2 x 4 Ω), which, combined with the extremely light KEVLAR® brand fibre composite cone, creates a force to be reckoned with.

KEY FEATURES

- KEVLAR® brand fibre composite cone woofer
- Dual-layer rolled Urethane surround
- Dual Voice Coil design (2 or 4 Ω)
- VCCS™ (Voice Coil Cooling System)
- 4-spoke aluminium die-cast frame
- Low-Q design for use in a small sealed box (28 Litre ± 10 % recommended)
- Gold-plated binding post screw terminals

TS-W12PRS CUT VIEW

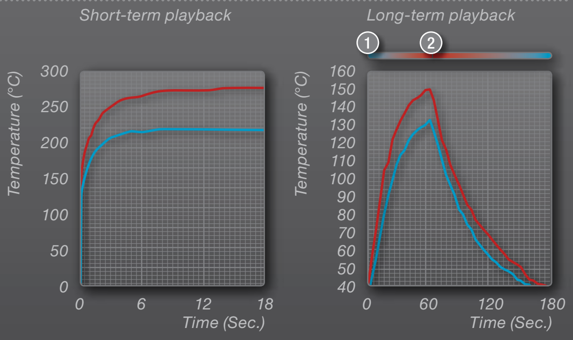


① Dual-layer rolled Urethane surround
② Conex damper with integrated lead wires
③ Gold-plated binding post-screw terminal
④ Projected pole yoke
⑤ VCCS™ (Voice Coil Cooling System)
⑥ Bumped back plate
⑦ Vented pole yoke
⑧ 3" diameter, long excursion voice coil
⑨ High-energy strontium magnet
⑩ Anti-resonant die-cast aluminium basket
⑪ Aluminium dust cap
⑫ KEVLAR® brand fibre composite cone

VOICE COIL COOLING SYSTEM (VCCS™)

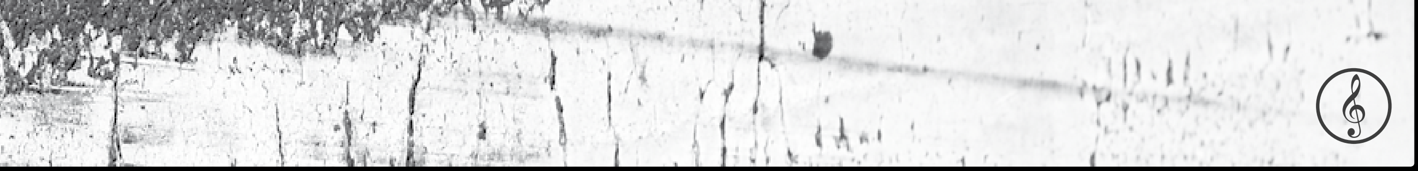
Typically, the longer and louder you play your subwoofer, the hotter it gets. This changes its electrical and mechanical characteristics and adversely affects sound quality. Pioneer's Voice Coil Cooling System (VCCS™) draws heat away from the inside of the subwoofer, reducing the temperature by 50 degrees. Essentially, it keeps the sound crisp and prevents the subwoofer from losing its cool.

VOICE COIL TEMPERATURE



🟥 Without VCCS™
🟦 With VCCS™

① Signal ON
② Signal OFF



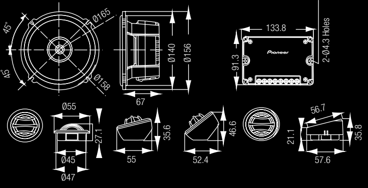
PRS High-class Separate 2-way Speaker Systems

These super-high-quality 2-way speaker systems provide the very best in quality audio technology. A combination of high-accuracy mid-bass drivers, tweeters and a passive crossover network, all packed with leading technologies, guarantees an unforgettable listening experience.

TS-C171PRS 200 W Max.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

INJECTION MOLDED CONE™


45°
45°
Ø165
Ø158
Ø140
Ø156
67
133.8
91.3
2-Ø4.3 Holes
Pioneer
Ø55
27.1
Ø45
Ø47
35.6
55
46.6
52.4
56.7
21.1
35.8
57.6

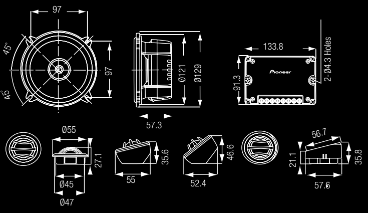
KEY FEATURES

- 17 cm Ø 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- 28 mm Ø soft dome tweeter
- Passive crossover network
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter

TS-C131PRS 150 W Max.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

INJECTION MOLDED CONE™


97
45°
45°
97
Ø121
Ø129
57.3
133.8
91.3
2-Ø4.3 Holes
Pioneer
Ø55
27.1
Ø45
Ø47
35.6
55
46.6
52.4
56.7
21.1
35.8
57.6

KEY FEATURES

- 13 cm Ø 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- 28 mm Ø soft dome tweeter
- Passive crossover network
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter

For full features and specifications, please see page 121.

The Quest for Perfect In-car Sound

Team Pioneer represents the crème de la crème of Europe's high-quality car audio competition scene. This elite group of car audio specialists insists on the very best equipment to successfully compete in the industry's most demanding national and international quality sound challenges. And that's why their first – and only – choice is Pioneer. Founded in 2006, the team was crowned with a Vice European champion already in its first year. In 2007, however, the list was even more impressive: the team's cars registered in over 85 national and international competitions, mainly in the EMMA (European Mobile Media Association) scene. Team Pioneer returned home victorious and now counts 2 European champions and 5 Vice European champions among its members.

TEAM PIONEER AND PRS: A SUCCESSFUL COMBINATION

High-quality sound competitions are all about the quality of the sound, not about being the loudest or most powerful. The high standards expected at the EMMA events are undoubtedly what make it the highlight of the audio competition year. And it's here that Team Pioneer has proven exactly what puts them at the top of the class.

Backed by the high-end Pioneer Reference Series, Team Pioneer members achieve superlative, best-in-class audio performance. Using only advanced techniques, superior materials and the strictest standards, these leading sound systems produce the most natural and lifelike sound. The PRS is, without doubt, one of the finest entertainment systems ever made for the car. Pure audio perfection guaranteed.

Meet the Members

Whilst having the highest-quality equipment is important to Team Pioneer's success, it is not the sole winning factor. Each of the members of Team Pioneer has fine-tuned his or her car to create the most ideal sound environment. Their expert installation skills ensure that no aspect of the car's interior – wiring, placement of equipment, premium quality materials – has been overlooked in their quest for sonic perfection.

Sharing a passion for supreme sound quality, the members of Team Pioneer come from all across Europe:

TEAM MEMBER	COMPETING VEHICLE	TEAM COMPANY	COUNTRY
Bernard Chaillot	Mazda RX-8	Auto Espace	France
Stefano Nava	Opel Astra GSI	Sound Folies SNC Nava S. & C.	Italy
Gaetano Capelluti	Honda FR-V	Babylon SNC	Italy
Anders Fleischer	Honda Civic V-TEC	AutoD	Norway
Ketil Skjei	BMW 728iL	Audioart	Norway
Dennis Snijders	BMW M3	Snijders Quality Car Systems	The Netherlands
Willy Pot	Chrysler New Yorker	-	The Netherlands
Dirk Wölfinger	Audi A4 3.2	Car Audio Exklusiv	Germany
Marc Ouhazone	VW Golf I Convertible	Automagie	Germany
Susanne Böhm	VW Beetle	Car Audio Exklusiv	Germany
Lars Neuper	Toyota Yaris	Car Audio Exklusiv	Germany
Juan José & Clara Bravo	AUDI A6 Avant 2.5TDi	JC Audio	Spain
Helder Santos	VW Corrado G60	Der Car Audio	Portugal
Mark Turner	BMW 330i	Turners Alarms & Audio	United Kingdom
Ivan Izraylev & Viktor Ivanov	Peugeot 207 Sport	Otdel Tekhnitcheskoy Estetiki	Russia

For a complete and up-to-date overview of Team Pioneer members, please visit www.pioneer.eu/teampioneer

SHARE IN TEAM PIONEER'S SUCCESS

Visit the dedicated Team Pioneer pages on the Pioneer website and follow the team's pursuit of sonic perfection. Find out more about how they design and refine their in-car sound. Track their accomplishments as they compete across Europe via video footage, photographs and first-hand reports.

Join us at:

WWW.PIONEER.EU/TEAMPIONEER | **WWW.FLICKR.COM/PHOTOS/TEAMPIONEER** | **WWW.YOUTUBE.COM/TEAMPIONEER** | **WWW.MYSPACE.COM/TEAMPIONEER**

SOUND FOLIES
Pioneer
ODR

Pioneer
Pioneer

The Road to Success

Team Pioneer actively participates in European sound competitions mainly organised by EMMA and, in some countries, by IASCA. Throughout the year, Team Pioneer has achieved outstanding results at a number of national and international events, a trend that is likely to be strengthened in the future. At the international kickoff of the EMMA 2007 competition season, traditionally at the Car+Sound show in Sinsheim (Germany) in April, Team Pioneer sent a clear message to the competition by winning in almost half of all Sound Quality classes. Throughout the 2007 season the success rate was very high: almost 90% of top-3 places and over 50% of victories, resulting in 11 national champions.

2007 EUROPEAN EMMA FINALS

Pioneer sound.vision.soul
Audio for life

At the 2007 EMMA Eurofinals in Denmark, Team Pioneer won no less than 11 cups.

To conclude an already very successful year, 14 Team Pioneer cars qualified for the European EMMA Finals in Herning, Denmark, in October 2007. At these European EMMA (European Mobile Media Association) finals, Team Pioneer won 11 cups (top-3 places) in the different categories. The team was crowned with 2 European Champions, 5 Vice European champions, as well as the European Best of Sound and Best of Show trophies!

EMMA FINALS

2007 IASCA EUROPEAN FINALS

At the IASCA (International Auto Sound Challenge Association) European Finals in Italy, October 2007, Ivan Izraylev and Viktor Ivanov (Otdel Tekhnitcheskoy Estetiki – Russia) achieved 3rd place in the Ultimate Amateur competition (Sound Quality) and 1st place in the Ultimate IdBL competition (SPL), while Juan José & Clara Bravo (JC Audio - Spain) won the Second-Best of Sound award.

A Reference in Many Ways

Despite its short existence, Team Pioneer has already become a reference for the car audio industry, not only thanks to their results in sound quality competitions, but also from a team spirit and community point of view. Over the past two years, Team Pioneer has created a very dynamic and enjoyable atmosphere for every event visitor. Apart from showing off Europe's top cars, they also make sure there is room for vibrant side animation such as live DVJ performances or giving the fans the opportunity to have their picture taken with Pioneer's models.

Pioneer USA SPL Competition: Team Pioneer/Edge Audio

Pioneer is also successful outside of the European competition scene. Team Pioneer/Edge Audio, Pioneer's American SPL competition team, is a clear-cut winner. SPL (Sound Pressure Level) competitions are not just about producing the loudest or most powerful sound. For Team Edge Audio, which can draw on many years of experience in building award-winning vehicles, it's pure science. They track many parameters including temperature, humidity, voltage, current and a multitude of other data, which helps them to understand how even the smallest change can effect the overall performance of the products.

Scott Owens and his team were the first to push beyond the 180 dB barrier. The Team has set new records so often that the question is not if they can beat it again, but rather by how much.

PIONEER USA SPL COMPETITION RESULTS

Scott Owens, team leader of Team Pioneer/Edge Audio

dB Drag

- *Regional - 2007 1st Place dB Drag Extreme 5+ Class (178.9 dB)*
- *National - 2007 1st Place dB Drag Extreme 5+ Class (179.5 dB)*
- *World - 2007 1st Place dB Drag Extreme 5+ Class (178.9 dB)*

USACi

- *2007 World Record in Super Modify*
- *2007 Port Wars Champion*
- *2007 Super Port Wars Champion*
- *2007 Bass Olympics Champion*
- *2007 B&K Champion*
- *2007 Ultimate 3 Class Champion (178.3 dB)*

IASCA & IdBL

- *2007 1st Place IdBL Ultimate 1 Class (176.2 dB)*
- *2007 1st Place IdBL Ultimate 3 Class (178.2 dB)*

Dynamic strength.
Extraordinary power.

Amplifiers & Subwoofers

Pioneer's amps and subs are the benchmark for street credibility. With their ever more powerful sound, wide dynamics, and transparently clear audio output, they continue to set the pace in SPL competitions worldwide. If you want to make a lasting impression, these amps and subs have the looks and the performance to keep it cool when things heat up.

TS-W8102SPL

PRS-D2000SPL

Competition Class SPL Class-D Amplifiers

Time and again, Pioneer's Competition Class SPL Class-D amplifiers push the boundaries. These pro amps dominate the SPL championships by continuously setting new records and pushing beyond the 180 dB barrier. They manage to do this by combining the very best in innovative audio technology with rock-solid, reliable power. The result is simply astonishing: maximum output of the highest quality.

PRS-D2000SPL

COMPETITION CLASS SPL CLASS-D AMPLIFIER

1 x 4000 W (1 Ω) / 1 x 3000 W (2 Ω) / 1 x 1500 W (4 Ω) Max.

PRS-D1200SPL

COMPETITION CLASS SPL CLASS-D AMPLIFIER

1 x 2400 W (1 Ω) / 1 x 2000 W (2 Ω) / 1 x 1000 W (4 Ω) Max.

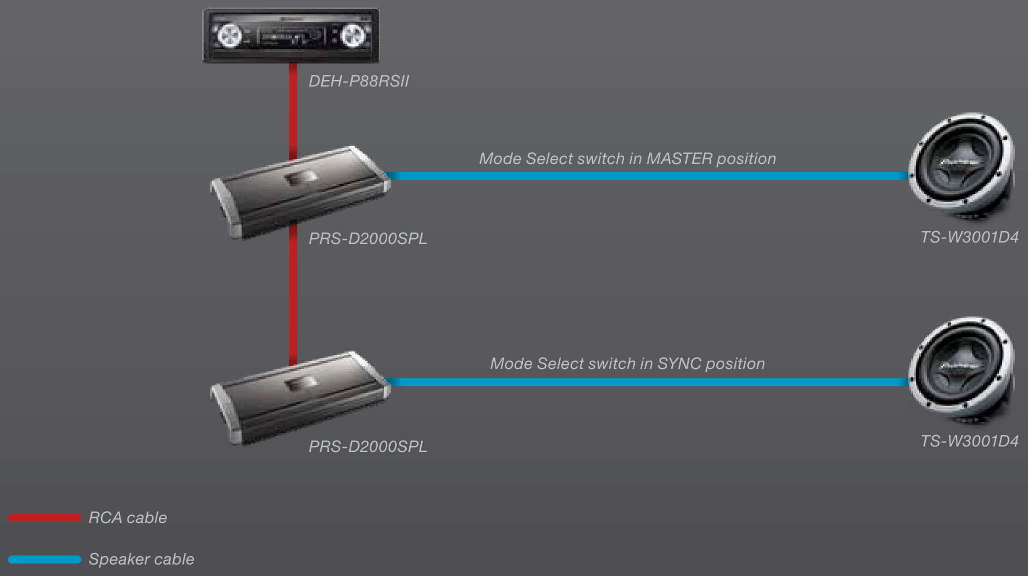
KEY FEATURES (PRS-D2000SPL & PRS-D1200SPL)

- Low Pass Filter (40 – 240 Hz, -24 dB/oct)
- Bass boost (40 – 120 Hz, 0/6/9/12 dB via remote control)
- Subsonic filter (20 Hz, -24 dB/oct)
- SYNC control
- Independent Rail Regulating Power Supply
- Dynamic Amplifier Protection
- 1 Ω stable
- Large block-type gold-plated terminals (speakers/power/ground)

EASY AMP ADJUSTMENT WITH MULTI-AMPLIFIER SYNCHRONISATION SYSTEM (MASS)

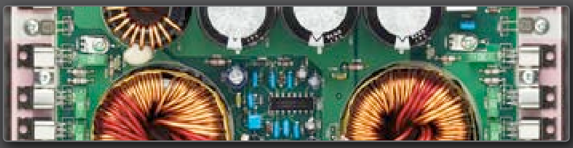
If you want to create a multi-amp system, you'll surely be interested in Pioneer's exclusive Multi-Amplifier Synchronisation System (MASS). It makes controlling up to four amps easier than ever before.

Adjustments that are made to the 'master' amplifier are automatically made to all other connected amplifiers. Powerfully simple.


DEH-P88RSII
Mode Select switch in MASTER position
PRS-D2000SPL
TS-W3001D4
Mode Select switch in SYNC position
PRS-D2000SPL
TS-W3001D4
RCA cable
Speaker cable

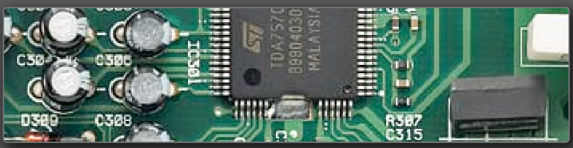
INDEPENDENT RAIL REGULATING POWER (IRRP) SUPPLY

Pioneer's SPL amplifiers owe top performances to a different approach to the power supply structure, offering unsurpassed reliability and true stability during high-demand SPL competitions. The positive and negative rail voltages are regulated separately. This differs from ordinary amplifiers, which only regulate the positive rail, while the negative rail could destabilise during crucial moments, resulting in overall performance loss.



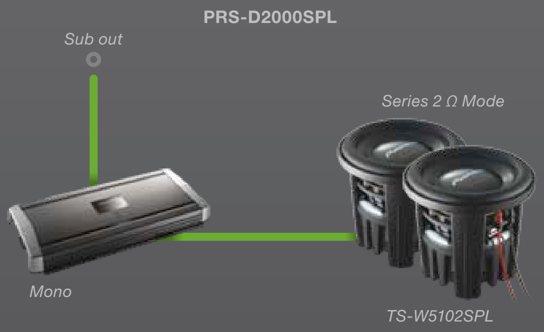
DYNAMIC AMPLIFIER PROTECTION (DAP)

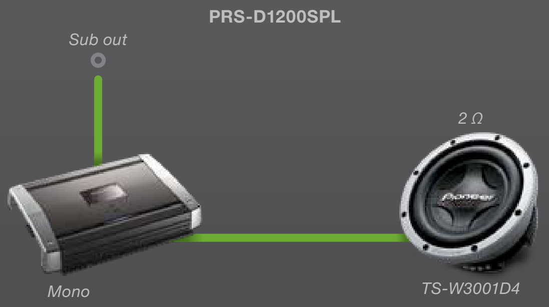
The PRS-D2000SPL and PRS-D1200SPL feature a protective circuitry, which adapts to the output signal level. As a result, the protection level matches the operating condition of the moment. Dynamic Amplifier Protection (DAP) gives you extra reliability, even at higher output.



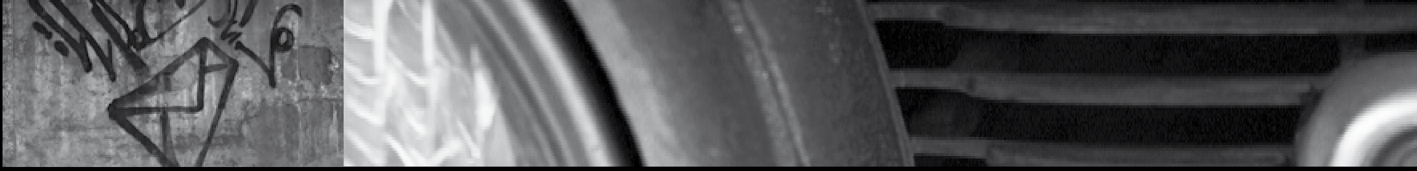
AMPLIFIER/SUBWOOFER CONFIGURATION EXAMPLES

These system set-ups offer some examples of audio systems combining amplifiers and subwoofers. The combinations of amplifiers and subwoofers have been specifically chosen to optimise the systems.


PRS-D2000SPL
Sub out
Series 2 Ω Mode
Mono
TS-W5102SPL


PRS-D1200SPL
Sub out
2 Ω
Mono
TS-W3001D4

For full features and specifications, please see page 122.



Class-D Amplifiers

Compact yet powerful, the GM-D8400M and GM-D7400M mono-channel Class-D amplifiers ignite your system with heaps of audio performance. As they require less distortion-causing input power, they pump out constant crisp sound and set a new standard of excellence.

GM-D8400M
MONO-CHANNEL CLASS-D AMPLIFIER

1 x 600 W (4 Ω) / 1 x 1200 W (2 Ω) Max.
1 x 300 W (4 Ω) / 1 x 600 W (2 Ω) Continuous Output Power

GM-D7400M
MONO-CHANNEL CLASS-D AMPLIFIER

1 x 400 W (4 Ω) / 1 x 800 W (2 Ω) Max.
1 x 200 W (4 Ω) / 1 x 400 W (2 Ω) Continuous Output Power

KEY FEATURES (GM-D8400M & GM-D7400M)

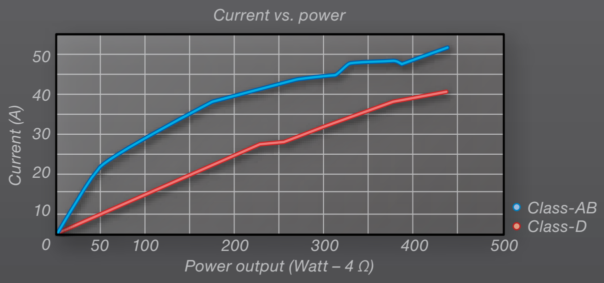
- Class-D (digital) amplifier
- MOSFET output section
- Input sensor
- Low Pass Filter
- Bass boost (GM-D8400M: remote-controlled)
- Block-type terminals (speakers/power/ground)
- Hi-volt input capability (200 mV – 6.5 V)
- Input level/gain control

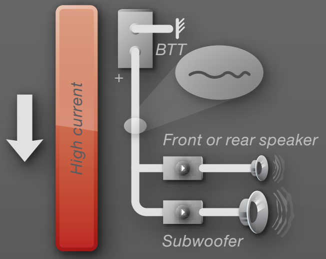
SPEAKER LINE INPUT SENSOR

The speaker line input sensor extends connection possibilities to new levels. For example, to hook up a subwoofer to your car's existing sound system, simply connect Pioneer's Class-D amps using the speaker line input sensor. You can even drive a subwoofer over the Class-D amp from your car's original headunit. Installation is remarkably easy; there's no need to connect a remote line.

CLASS-D AMPLIFIERS

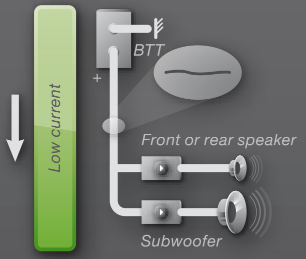
Class-D amplifiers overcome the inefficiencies of traditional Class-A and Class-AB amplifiers. Pioneer's Class-D amps transform very little power into heat, while a very large percentage of the power supply (67 %) is transferred into the load. This results in a very compact amp, which needs little input power to produce very high output power.





Traditional amplifier

The high amplifier power required to drive a subwoofer causes unstable current and voltage, which not only goes to the subwoofer but also to the front and rear speakers. As a result, the sound quality is affected and becomes distorted.



Class-D amplifier

A Class-D amplifier needs only 2/3 of the current of a conventional amplifier, so the power supply to both subwoofer and front and rear speakers is more stable. As a result, the sound quality will not be affected, so users can enjoy a very clean sound output without any distortion.

Bridgeable Amplifiers

You can't but leave your mark with Pioneer's 2-channel and 4-channel bridgeable amps. With total installation freedom and no distortion, you can now drive multiple speaker channels or subwoofers, and turn your in-car audio experience into something quite extraordinary.

GM-6300F
4-CHANNEL BRIDGEABLE AMPLIFIER

4 x 120 W (4 Ω) / 2 x 300 W (4 Ω) Max.

Pioneer
GM-6300F
Pioneer

GM-5300T
2-CHANNEL BRIDGEABLE AMPLIFIER

2 x 250 W (4 Ω) / 1 x 760 W (4 Ω) Max.

GM-3300T
2-CHANNEL BRIDGEABLE AMPLIFIER

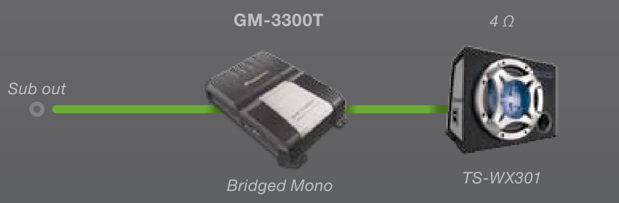
2 x 120 W (4 Ω) / 1 x 300 W (4 Ω) Max.

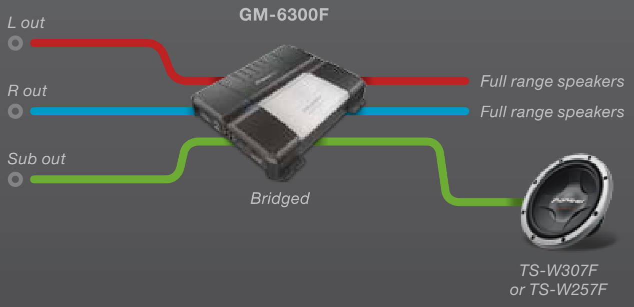
KEY FEATURES (GM-6300F, GM-5300T & GM-3300T)

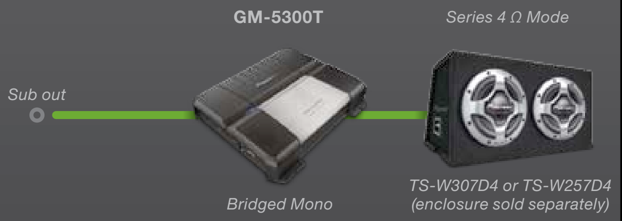
- High Pass Filter/Low Pass Filter (GM-6300F)
- Low Pass Filter (GM-5300T/GM-3300T)
- Input level/gain control (400 mV - 6.5 V)
- Bass boost (GM-5300T)
- Hi-volt input capability (6.5 V)
- PWM MOSFET power supply

AMPLIFIER/SUBWOOFER CONFIGURATION EXAMPLES

These system set-ups offer some examples of audio systems combining amplifiers and subwoofers. The combinations of amplifier and subwoofer have been specifically chosen to optimise the systems.


GM-3300T
4 Ω
Sub out
Bridged Mono
TS-WX301


L out
GM-6300F
R out
Full range speakers
Full range speakers
Sub out
Bridged
TS-W307F
or TS-W257F


GM-5300T
Series 4 Ω Mode
Sub out
Bridged Mono
TS-W307D4 or TS-W257D4
(enclosure sold separately)

For full features and specifications, please see page 123.

Competition Class SPL Subwoofers for Professional Use

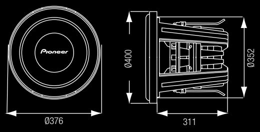
FOR ENCLOSURE USE

TS-W8102SPL 8000 W Max.

38 CM COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFER FOR PROFESSIONAL USE

3000 W Nominal Input Power

INJECTION MOLDED CONE™ *SPL champion edition*



Pioneer
SPL champion edition

Prepare to be blown away. Meet the TS-W8102SPL, Pioneer's flagship sub in the Competition Class SPL range. Subs simply don't come any bigger than this, but what's more is that TS-W8102SPL manages to produce a whopping 8000 W of the highest quality sound. To do so, it incorporates some of the most advanced technology on the market, from an Interlaced Carbon Fibre reinforced IMPP™ cone and a wide-roll, overhung surround with a 3-layer Aramid Fibre woven radial rubber surround to a pure Titanium voice coil former. Most impressive, to say the very least.

KEY FEATURES

- 38 cm Interlaced Carbon Fibre reinforced IMPP™ cone
- 3-layer Aramid Fibre woven radial rubber surround
- Ceramic-coated voice coil wire
- Pure Titanium voice coil former
- Super Aramid Fibre damper with sewed tensile wire
- Powerful triple-stacked magnets
- Bottom-hold design aluminium die-cast chassis

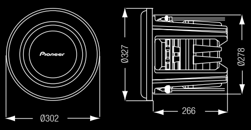
FOR ENCLOSURE USE

TS-W5102SPL 6000 W Max.

30 CM COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFER FOR PROFESSIONAL USE

2500 W Nominal Input Power

INJECTION MOLDED CONE™ *SPL champion edition*



Pioneer
SPL champion edition

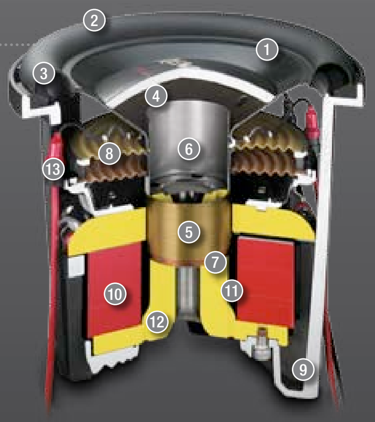
Producing no less than 6000 W of quality power, the TS-W5102SPL Competition Class SPL Dual Voice Coil subwoofer is no stranger to international SPL competitions. Thanks to the latest in sub technology, such as the super-strong dust cap and the super Aramid Fibre damper, the TS-W5102SPL manages the unthinkable: loads of power performance combined with top-notch audio quality.

KEY FEATURES

- 30 cm Interlaced Carbon Fibre reinforced IMPP™ cone
- 3-layer Aramid Fibre woven radial rubber surround
- Ceramic-coated voice coil wire
- Pure Titanium voice coil former
- Super Aramid Fibre damper with sewed tensile wire
- Powerful triple-stacked magnets
- Bottom-hold design aluminium die-cast chassis

TS-W5102SPL CUT VIEW

① Interlaced Carbon Fibre reinforced IMPP™ cone
② 3-layer Aramid Fibre woven radial rubber surround
③ Wide-roll, overhung surround
④ Super-strong dust cap
⑤ Ceramic-coated voice coil wire
⑥ Pure Titanium voice coil former
⑦ Supporting voice coil wire
⑧ Super Aramid Fibre damper with sewed tensile wire
⑨ Bottom-hold design aluminium die-cast chassis
⑩ Powerful triple stacked magnets
⑪ ADMG (Aero Dynamic Magnetic Gap)
⑫ Extended/vented pole yoke
⑬ 8-gauge wire terminal



For full features and specifications, please see pages 124 and 125.

Competition Class SPL Subwoofers

These Champion Series subwoofers are pedigrees of the record-breaking, professional SPL Competition Class power subs. By combining some leading technologies, such as an Interlaced Carbon Fibre reinforced IMPP™ double cone, a wide-roll 3-layer fibre woven radial surround and powerful double-stacked magnets, these competition class SPL subwoofers are a perfect match for Pioneer's SPL amplifiers. The result is quite staggering: lean and mean audio output of the highest standards.

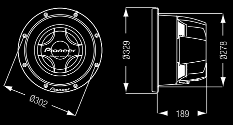
FOR ENCLOSURE USE

TS-W3001D4 3000 W Max.

30 CM COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFER

1000 W Nominal Input Power

Champion series - PRO



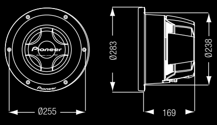
FOR ENCLOSURE USE

TS-W2501D4 2500 W Max.

25 CM COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFER

800 W Nominal Input Power

Champion series - PRO



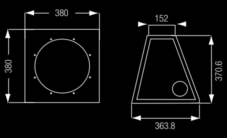
KEY FEATURES (TS-W3001D4 & TS-W2501D4)

- Air suspension driver for small enclosure volume
- Composite IMPP™ cone using Interlaced Carbon Fibre with reinforcement arcs
- Diaphragm structure with sub-cap
- Wide Roll, 3-layer Fibre woven radial surround
- Double-stacked high-power magnets
- Phenol resin-coated glass cloth bobbin
- Magnet cover
- Single-sided push terminals

Custom Enclosure Boxes

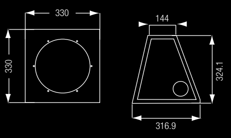
UD-W302S

CUSTOM ENCLOSURE BOX FOR TS-W3001D4



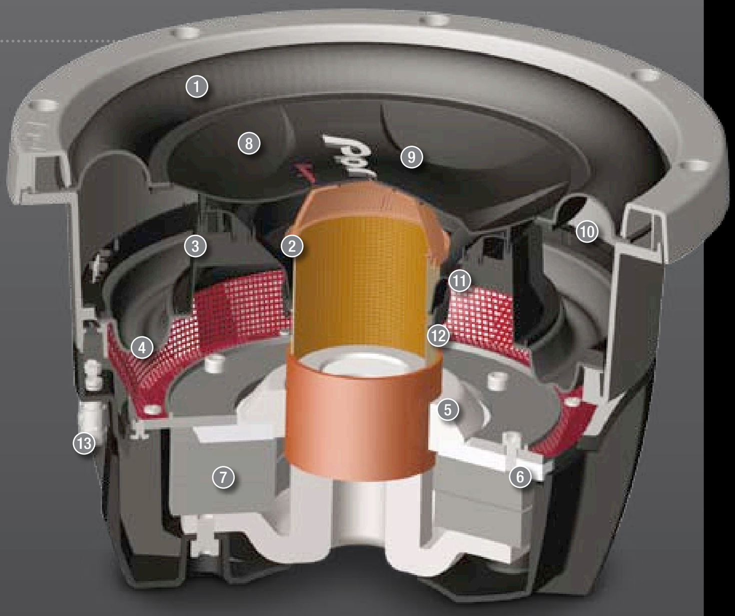
UD-W252S

CUSTOM ENCLOSURE BOX FOR TS-W2501D4



TS-W3001D4 CUT VIEW

① Wide-roll, 3-layer fibre woven radial surround
② Diaphragm structure with sub-cap
③ Ultra-long Glass Fibre PP (tinsel wire holder)
④ M-shape surround
⑤ Thicker plate
⑥ Connected plate and aluminium cover
⑦ Double-stacked magnets
⑧ Composite IMPP™ cone using interlaced carbon fibre with reinforcement arcs
⑨ Dust cap
⑩ Air suspension
⑪ Cone structure
⑫ Cone ring
⑬ Single-sided push terminals



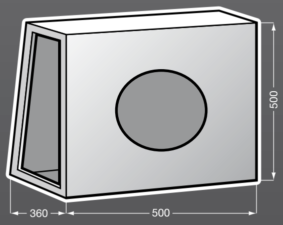
A SPECTACULAR REDUCTION IN ENCLOSURE VOLUME

In the past, because stronger magnet materials were not available, a fairly large magnetic circuit was required, which contributed to big enclosure volumes. Thanks to the development of stronger magnet material, it is now possible to create a small-sized magnetic circuit with increased magnetic force. This has helped to reduce enclosure volumes.

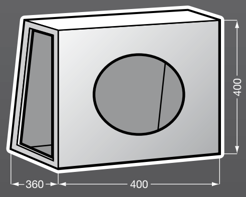
Additionally, several innovative technologies and the use of different materials have enabled us to develop the Air Suspension System. First used in Pioneer's Shallow-type subwoofers, the Air Suspension System uses two different-sized cones – a drive cone and an upper cone. The drive cone works as a small-sized speaker in an enclosure, while the upper cone delivers the sound pressure, combining the best of both worlds.

This has allowed for a substantial reduction in the recommended enclosure volume to ever smaller dimensions without affecting the tight bass reproduction.

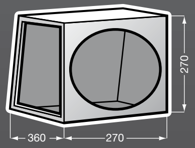
EVOLUTION OF ENCLOSURE VOLUMES FOR 30 CM SUBWOOFERS



56.6 litres
2 generations back (TS-W302C)



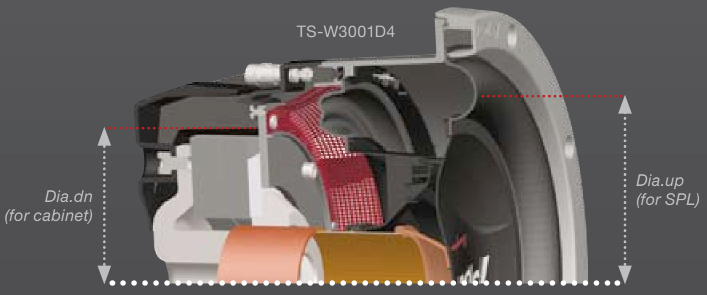
35.4 litres
1 generation back (TS-W306C)



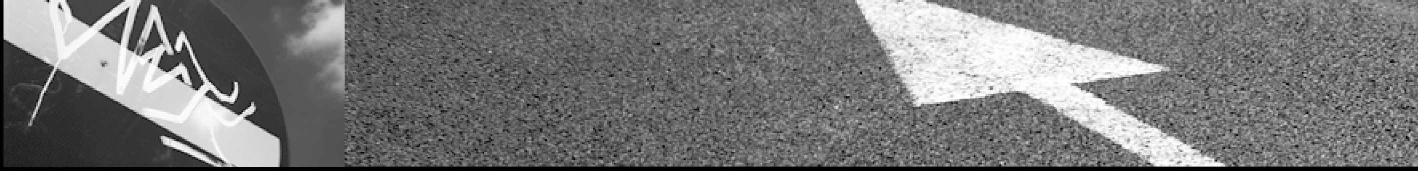
14.2 litres
New generation (TS-W3001D4)

Cone surface:
25% down

	Dia.dn	Dia.up
TS-W3001D4	Ø 207	Ø 236
TS-W2501D4	Ø 171	Ø 200



For full features and specifications, please see pages 124 and 125.



a-Ccelerate Subwoofer Series

TS-W307D4 1200 W Max.

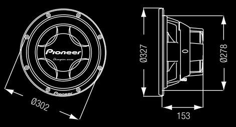
30 CM 4 Ω DUAL VOICE COIL SUBWOOFER

FOR ENCLOSURE USE

400 W Nominal Input Power

Champion series

INJECTION MOLDED CONE


Ø302
Ø327
Ø278
153

Packed with leading sub technology, Pioneer's a-Ccelerate subwoofer series sets the pace with strong, high-quality audio. Add in edgy good looks, and these pedigrees of the Competition Class SPL subwoofers will undoubtedly impress anyone near.

Pioneer
Champion series
Pioneer
Champion series

TS-W307D4

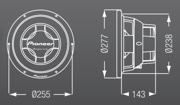
TS-W257D4

TS-W257D4 1000 W Max.

25 CM 4 Ω DUAL VOICE COIL SUBWOOFER

FOR ENCLOSURE USE

350 W Nominal Input Power

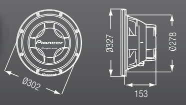

Ø255
Ø277
Ø238
143

TS-W307D2 1200 W Max.

30 CM 2 Ω DUAL VOICE COIL SUBWOOFER

FOR ENCLOSURE USE

400 W Nominal Input Power

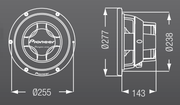

Ø302
Ø327
Ø278
153

TS-W257D2 1000 W Max.

25 CM 2 Ω DUAL VOICE COIL SUBWOOFER

FOR ENCLOSURE USE

350 W Nominal Input Power


Ø255
Ø277
Ø238
143

KEY FEATURES (TS-W307D4, TS-W257D4, TS-W307D2 & TS-W257D2)

- Composite IMPP™ cone using Interlaced Aramid Fibre with reinforcement arcs
- Wide Roll, 3-layer fibre woven radial surround
- Double-stacked high-power magnets
- Phenol resin-coated glass cloth bobbin
- Magnet cover
- Single-sided push terminals

Spoke Grilles

UD-G307

SPOKE GRILLE FOR TS-W3001D4, TS-W307D4, TS-W307D2 AND TS-W307F

UD-G257

SPOKE GRILLE FOR TS-W2501D4, TS-W257D4, TS-W257D2 AND TS-W257F

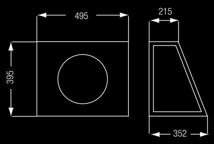
Pioneer
Champion series

UD-G307

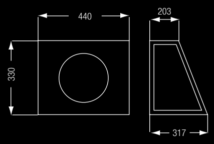
TS-W307D2 with UD-G307

Custom Enclosure Boxes

UD-W301S
CUSTOM ENCLOSURE BOX
FOR TS-W307D4 AND TS-W307D2


495
215
395
352

UD-W251S
CUSTOM ENCLOSURE BOX
FOR TS-W257D4 AND TS-W257D2

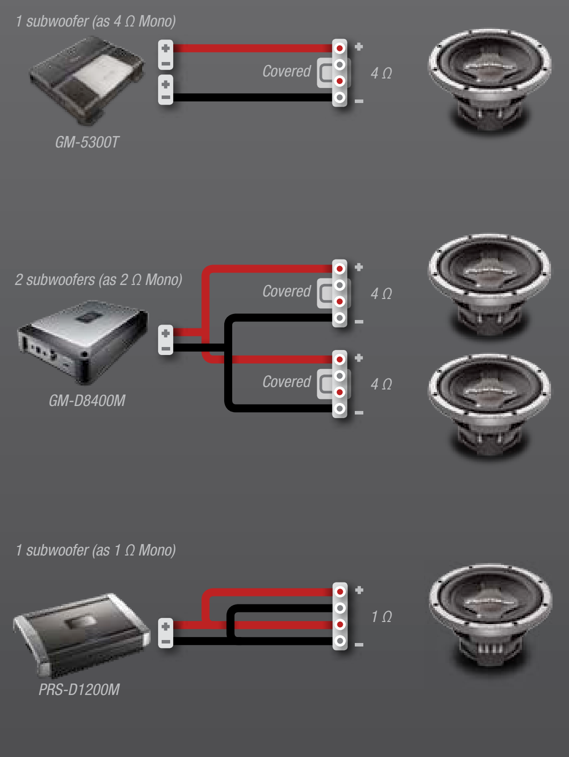

440
203
330
317

ULTIMATE CONNECTION FLEXIBILITY

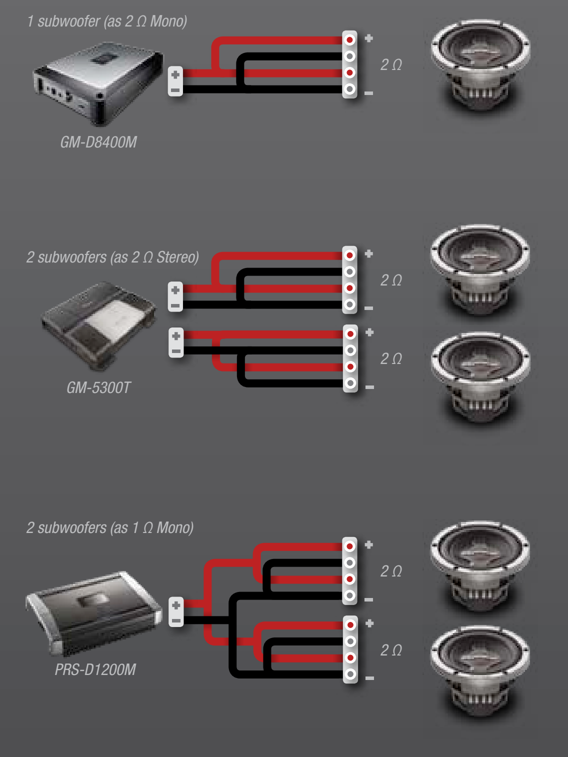
Pioneer's line-up of DVC (Dual Voice Coil) a-Ccelerate subwoofers offers complete connection flexibility! Whatever system set-up you are working from or dreaming of, you will certainly find the solution for you. The Double 2 Ohm and Double 4 Ohm subwoofers allow for a wide variety of set-up possibilities (8 Ohm, 4 Ohm, 2 Ohm or 1 Ohm) – provided that there is correct power matching between subwoofer and amplifier.

So, no matter whether you are starting from an existing stereo or mono amp, or whether you want a basic set-up with expandability potential; Pioneer's a-Ccelerate subs cover all common impedance loads.

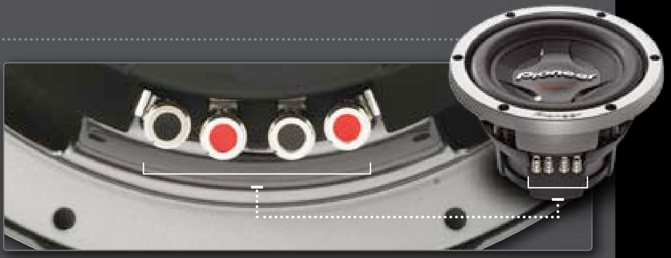
TS-W307D2


1 subwoofer (as 4 Ω Mono)
Covered
4 Ω
GM-5300T
2 subwoofers (as 2 Ω Mono)
Covered
4 Ω
Covered
4 Ω
GM-D8400M
1 subwoofer (as 1 Ω Mono)
1 Ω
PRS-D1200M

TS-W257D4


1 subwoofer (as 2 Ω Mono)
2 Ω
GM-D8400M
2 subwoofers (as 2 Ω Stereo)
2 Ω
2 Ω
GM-5300T
2 subwoofers (as 1 Ω Mono)
2 Ω
2 Ω
PRS-D1200M

To allow for greater flexibility and to ease installation even further, all speaker terminals have been placed on one side of the subwoofer rather than on both sides as with conventional subwoofers.



For full features and specifications, please see pages 124 and 125.

a-Ccelerate Subwoofer Series

TS-W307F
30 CM SUBWOOFER

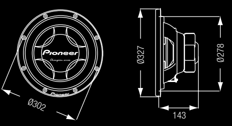
900 W Max.

FOR FREE AIR USE

300 W Nominal Input Power

Champion series

INJECTION MOLDED CONE



Incorporating leading technologies used in the SPL subs, the a-Ccelerate free-air subs guarantee a most complete audio experience, reaching the very depths of your bass frequencies. They do this without compromising any of the quality you've come to expect from Pioneer's a-Ccelerate subs. One thing is certain, you will be impressed.

TS-W257F

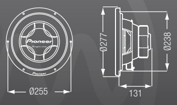
TS-W307F

TS-W257F
25 CM SUBWOOFER

700 W Max.

FOR FREE AIR USE

250 W Nominal Input Power

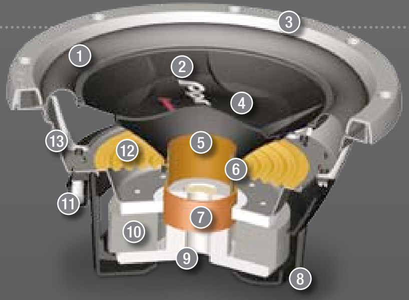


KEY FEATURES (TS-W307F & TS-W257F)

- Composite IMPP™ cone using Interlaced Aramid Fibre with reinforcement arcs
- Dual-Layer Urethane surround
- Aluminium bobbin
- Rubber magnet cover
- DIN-shape terminals

TS-W307D2 CUT VIEW

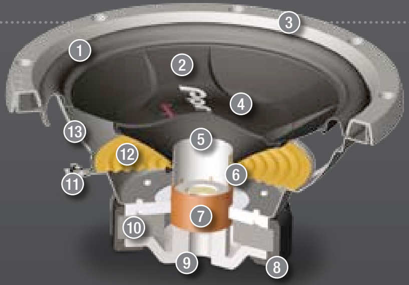
① Wide roll, 3-layer fibre woven radial surround
② Composite IMPP™ using Interlaced Aramid Fibre with reinforcement arcs
③ Silver painted gasket
④ Dust cap
⑤ Phenol resin-coated glass cloth bobbin
⑥ Spider ring
⑦ Dual Voice Coil (DVC)



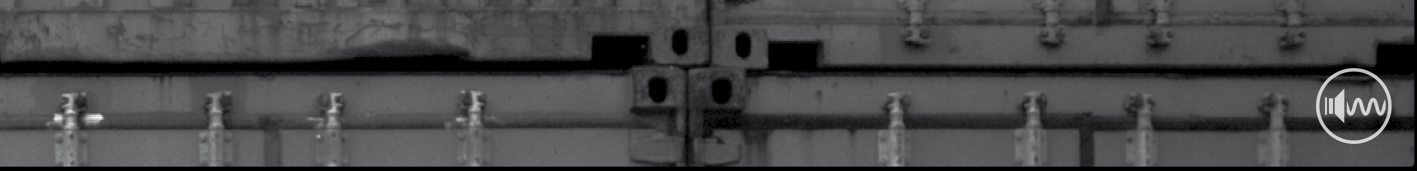
⑧ Magnet cover
⑨ Extended and vented pole yoke
⑩ Double-stacked magnets
⑪ Single-sided push terminals
⑫ Aramid Fibre spider
⑬ Silver painted basket

TS-W307F CUT VIEW

① Urethane surround
② Composite IMPP™ using Interlaced Aramid Fibre with reinforcement arcs
③ Silver painted gasket
④ Dust cap
⑤ Aluminium bobbin
⑥ Spider ring
⑦ Voice Coil



⑧ Magnet cover
⑨ Extended and vented pole yoke
⑩ Ferrite magnet
⑪ DIN spade-type terminals
⑫ Aramid Fibre spider
⑬ Silver painted basket



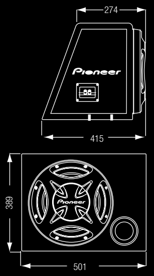
Bass Reflex Subwoofer

TS-WX301 800 W Max.

BASS REFLEX SUBWOOFER

TS-WX301
Pioneer

150 W Nominal Input Power



Constructed with thick MDF board for assured strength and stability, Pioneer's TS-WX301 bass reflex subwoofer makes for a most impressive audio package. With a well-tuned bass reflex port to reproduce powerful bass tones and improved linearity thanks to the extended/vented pole yoke, the TS-WX301 is set to become the benchmark passive box sub.

KEY FEATURES

- Bass Reflex subwoofer
- IMPP™ composite cone woofer
- Wide roll, dual-layer Urethane surround
- Thick MDF board cabinet
- Binding post screw terminal

For full features and specifications, please see pages 124 and 125.

Shallow-type Subwoofers

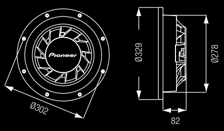
Boosting your in-car audio with a solid power sub can be a space-demanding affair. Pioneer's shallow-type subwoofer range provides the solution thanks to its innovative, patented, Damper-less Air Suspension Excursion Control System. The system, which combines with an Interlaced Glass/Carbon Fibre reinforced IMPP™ drive cone, allows for a slim and compact sub design, without compromising any of the power and quality. The result: a sub more than worthy of the Pioneer label, which can be easily installed in any car.

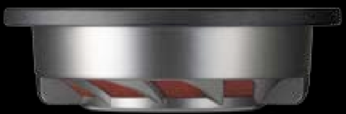
FOR ENCLOSURE USE

TS-SW1241D 1400 W Max.

30 CM SHALLOW-TYPE SUBWOOFER

350 W Nominal Input Power



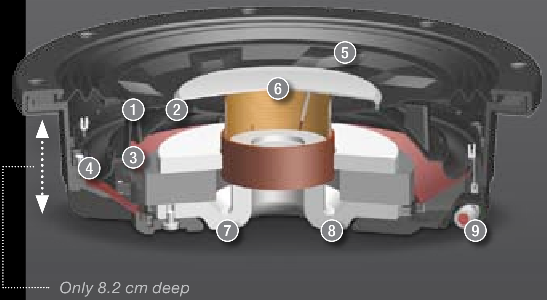


Pioneer
Pioneer

KEY FEATURES

- Interlaced Glass/Carbon Fibre reinforced IMPP™ upper cone
- Interlaced Ultra-long Glass Fibre reinforced IMPP™ drive cone
- 3-layer fibre woven radial surround
- Damper-less Air Suspension Excursion Control System
- Aluminium centre cap
- Bottom-hold design aluminium die-cast chassis with fin-shaped design
- Spring compression binding post terminal
- Double cone reinforcement nodes

TS-SW1241D CUT VIEW



① Interlaced Glass/Carbon Fibre reinforced IMPP™ upper cone
② Double cone reinforced nodes
③ Interlaced Ultra-long Glass Fibre IMPP™ drive cone
④ Damper-less Air Suspension Excursion Control System
⑤ 3-layer fibre woven radial surround
⑥ Aluminium centre cap
⑦ 2-piece T-pole yoke
⑧ Bottom-hold design aluminium die-cast chassis with fin-shaped design
⑨ Spring compression binding post terminal

SPACE-SAVING AIR SUSPENSION EXCURSION CONTROL SYSTEM

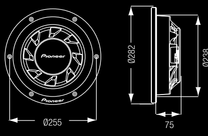
A typical subwoofer uses a damper (spider) to control the woofer cone's excursion. The Air Suspension Excursion Control System, formed by creating a sealed air space between the double cones, effectively replaces the damper, providing excellent design and performance characteristics. It provides superior compliance linearity, regardless of volume input, for reproducing exceptionally clear, low-distortion bass sound. In addition, thanks to its compact design, the enclosure volume has been reduced by 70%.

FOR ENCLOSURE USE

TS-SW1041D 1000 W Max.

25 CM SHALLOW-TYPE SUBWOOFER

250 W Nominal Input Power

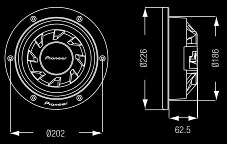


TS-SW841D 500 W Max.

20 CM SHALLOW-TYPE SUBWOOFER

120 W Nominal Input Power

FOR ENCLOSURE USE

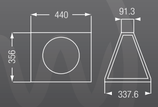


TS-SW1041D

Custom Enclosure Boxes

UD-SW124S

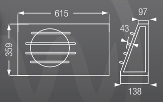
CUSTOM ENCLOSURE BOX FOR TS-SW1241D



UD-SW125S

CUSTOM ENCLOSURE BOX FOR TS-SW1241D

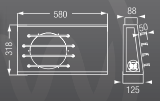
PROTECTION BARS INCLUDED



UD-SW104S

CUSTOM ENCLOSURE BOX FOR TS-SW1041D

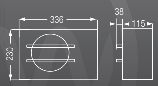
PROTECTION BARS INCLUDED



UD-SW84S

CUSTOM ENCLOSURE BOX FOR TS-SW841D

PROTECTION BARS INCLUDED



UD-SW124S

UD-SW125S

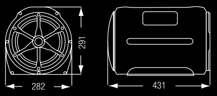
UD-SW84S

For full features and specifications, please see page 124.

Amplified Subwoofers

TS-WX20LPA 200 W Max.

20 CM LINEAR POWER AMPLIFIED SUBWOOFER



PUMP
Pioneer
200W
TS-WX20LPA

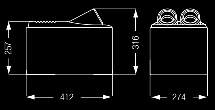
Meet the TS-WX20LPA, Pioneer's advanced linear power response subwoofer. With a unique edgeless construction that lets the diaphragm slide smoothly over a bigger amplitude, 'the Pump' guarantees heaps of power bass from its compact body. And with a built-in amp, you are set the minute it's installed.

KEY FEATURES

- Built-in 200 W monaural amplifier, MOSFET PWM power supply
- Aluminium die-cast frame
- Bass reflex design
- RCA/speaker level inputs
- Input/gain control/phase switch
- Built-in variable LPF (50 – 125 Hz, -12 dB/oct)

TS-WX206A 150 W Max.

20 CM BANDPASS AMPLIFIED SUBWOOFER



Compact in design, easy and flexible in installation, this bandpass amplified subwoofer assures powerful bass sound. Its compact design doesn't compromise all your boot space, while its large-sized aluminium die-cast heat sink keeps things cool. To top things off, a MOSFET 150 W amp improves amplifier performance.

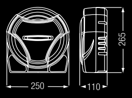
KEY FEATURES

- Built-in MOSFET 150 W (75 W x 2) power amplifier
- Large dual port bandpass design
- Heat-resistant 4-layer dual voice coil
- RCA/speaker level inputs
- Input level control/phase switch
- Built-in variable LPF (50 – 125 Hz, -12 dB/oct)

TS-WX22A 150 W Max.

20 CM OVAL SEALED AMPLIFIED SUBWOOFER

Extremely compact in size, and huge in attitude, the TS-WX22A provides an easy-to-install solution for those looking for deep bass tones provided by the built-in MOSFET 150 W amp. In addition, the TS-WX22A includes a wired remote control, so you can further tune your audio (gain, LPF and phase) to your liking.



Extremely compact and versatile design

KEY FEATURES

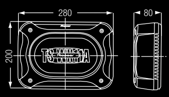
- Built-in MOSFET 150 W (75 W x 2) power amplifier
- Sealed-type design
- RCA/speaker level inputs
- Wired remote control (5 m)
- Input level control/phase switch
- Built-in variable LPF (50 – 125 Hz, -12 dB/oct)
- Horizontal/vertical installation possible

Standard wired remote control

TS-WX11A 150 W Max.

12.8 X 20.8 CM OVAL CONE SEALED-TYPE AMPLIFIED SUBWOOFER

Add some lively, high-power bass to your driving experience. The TS-WX11A packs 150 W of guaranteed quality power into a conveniently small and versatile box design, which can be easily stored under a seat or in the luggage compartment. Using its wired remote control, you can easily tune the gain, phase and LPF to make the experience most personal.



Extremely compact and versatile design

KEY FEATURES

- Built-in MOSFET 150 W power amplifier
- Sealed-type design
- RCA/speaker level inputs
- Wired remote control (6 m)
- Input level control/phase switch
- Built-in variable LPF (50 – 125 Hz, -12 dB/oct)
- Horizontal/vertical installation possible

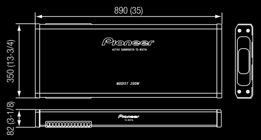
Standard wired remote control

For full features and specifications, please see page 124.

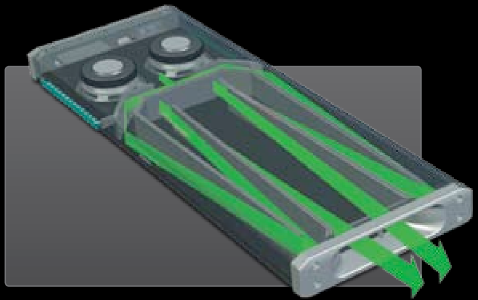
Amplified Subwoofers

TS-WX77A 200 W Max.

16 CM X 2 BACK-LOADED HORN ACTIVE SUBWOOFER



Pioneer
ACTIVE SUBWOOFER TS-WX77A
MOSFET 200W



This ultra-flat amplified subwoofer (only 8.2 cm high) won't monopolise your trunk. You can even put your luggage on top of it: the tough polyurethane skin is anti-slip and anti-scratch. The symmetrical back-loaded horn structure is driven by two 16 cm subwoofers, to reproduce a rich and speedy bass sound that will send shivers down your spine.

KEY FEATURES

- Built-in MOSFET 200 W power amplifier
- RCA/speaker level inputs
- 16 cm x 2 IMPP™ composite cone woofer
- Back-loaded horn design
- Built-in variable LPF (50 – 125 Hz, -12 dB/Oct)
- Aluminium die-cast heat sink

Standard wired remote control

Extremely compact and versatile design

For full features and specifications, please see page 125.

A Perfect Match

Want to know which amplifier is best suited to drive your subwoofer? Take a look at the amplifier/subwoofer matrix below and find out which Pioneer amplifier and subwoofer combinations deliver the best results.

SUBWOOFER		AMPLIFIER	GM series								PRS series							SPL series	
			GM-3300T		GM-5300T		GM-6300F		GM-D7400M	GM-D8400M	PRS-D220		PRS-D420		PRS-D1200M	PRS-A900		PRS-D2000SPL	PRS-D1200SPL
			2ch	1ch	2ch	1ch	4ch	2ch	1ch	1ch	2ch	1ch	4ch	2ch	1ch	4ch	2ch	1ch	1ch
a-Ccelerate	TS-W257D2	4 Ω	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟥	🟩	🟩	🟨	🟩	🟩	🟥	🟥
		1 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥
	TS-W257D4	8 Ω	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟨	🟩	🟩	🟩	🟩	🟩	🟥	🟥
		2 Ω	🟩	🟩	🟩	🟥	🟩	🟥	🟥	🟥	🟩	🟥	🟩	🟥	🟥	🟩	🟥	🟥	🟥
	TS-W257F	4 Ω	🟩	🟩	🟩	🟥	🟩	🟩	🟩	🟥	🟩	🟥	🟩	🟥	🟥	🟩	🟩	🟥	🟥
	TS-W307D2	4 Ω	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟥	🟩	🟩	🟩	🟩	🟩	🟥	🟥
		1 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥
	TS-W307D4	8 Ω	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟨	🟩	🟩	🟩	🟩	🟩	🟥	🟥
		2 Ω	🟩	🟩	🟩	🟥	🟩	🟥	🟩	🟥	🟩	🟥	🟩	🟥	🟥	🟩	🟥	🟥	🟥
	TS-W307F	4 Ω	🟩	🟩	🟩	🟨	🟩	🟩	🟩	🟩	🟩	🟥	🟩	🟩	🟥	🟩	🟩	🟥	🟥
Shallow-type	TS-SW841D	4 Ω	🟩	🟨	🟨	🟥	🟩	🟨	🟥	🟥	🟨	🟥	🟩	🟥	🟥	🟩	🟩	🟥	🟥
	TS-SW1041D	4 Ω	🟩	🟩	🟩	🟥	🟩	🟩	🟩	🟥	🟩	🟥	🟩	🟥	🟥	🟩	🟩	🟥	🟥
	TS-SW1241D	4 Ω	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟥	🟩	🟩	🟨	🟩	🟩	🟥	🟥
PRS	TS-W12PRS	8 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟩	🟨	🟩	🟨	🟨	🟩	🟩	🟥	🟥
		2 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟩	🟩	🟥	🟩	🟥	🟩	🟩	🟥	🟥	🟥
SPL	TS-W2501D4	8 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟨	🟨	🟩	🟨	🟩	🟨	🟩	🟩	🟩	🟩
		2 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟩	🟩	🟩	🟥	🟩	🟥	🟩	🟩	🟥	🟨	🟩
	TS-W3001D4	8 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟨	🟨	🟩	🟨	🟩	🟨	🟩	🟩	🟩	🟩
		2 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟩	🟩	🟩	🟥	🟩	🟥	🟩	🟩	🟥	🟨	🟩
	TS-W5102SPL	4 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟩	🟩
		1 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟩	🟩
	TS-W8102SPL	4 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟩	🟩
		1 Ω	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟥	🟨	🟥	🟥	🟩	🟩
Bass Reflex	TS-WX301	4 Ω	🟩	🟩	🟩	🟥	🟩	🟩	🟨	🟥	🟩	🟥	🟩	🟥	🟥	🟩	🟩	🟥	🟥

🟩 *Perfect match of amplifier performance and subwoofer power handling.*

🟨 *Possible match, but either amplifier or subwoofer cannot use full potential.*

🟥 *Not recommended.*

Rich sound.
Distinctive clarity.

Speakers

In Pioneer's comprehensive range of speakers you will find the optimum solution for your specific style and budget. What's more, these good-looking speakers are easy to install. And then? Simply sit back and enjoy distortion-free, powerful sound that is streets ahead of anything you will hear anywhere else.

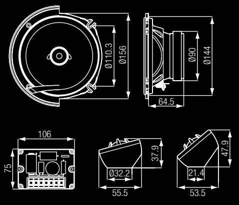
TS-E170Ci

e-Motion Speaker Series: Studio-quality Sound

Enjoy the full spectrum of sound with Pioneer's TS-E speakers. A world first, these high-power, high-tech models are outfitted with extremely rigid composite IMPP™ cones that are reinforced with dual layer IMX™ Aramid & Basalt Fibres. They provide outstanding absorbency and excellent heat resistance. Thanks to the Open & Smooth™ technology they deliver nothing but clear and accurate studio sound with great directivity and natural, smooth tones. Pure listening pleasure guaranteed.

TS-E170Ci 260 W Max.

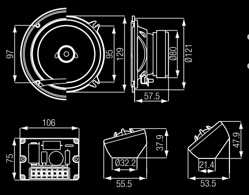
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



- Tweeter mounting kit included: flush mount kit, surface mount spacer, invisible mount spacer.
- Passive crossover network: LPF/HPF: -12/-12 dB/oct.

TS-E130Ci 180 W Max.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM



- Tweeter mounting kit included: flush mount kit, surface mount spacer, invisible mount spacer.
- Passive crossover network: LPF/HPF: -12/-12 dB/oct.

ROCK-SOLID SPEAKER CONES

Volcanic Basalt Rock

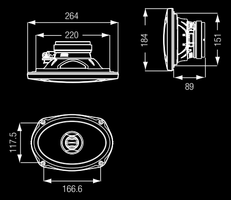
Basalt Fibres

Speaker cone with interwoven Basalt and Aramid Fibres

To create the TS-E speakers' extremely rigid speaker cones, Basalt Fibres are interwoven with Aramid Fibres at opposing angles and placed into the mould just before the foamed IMPP™ is injected. As the foamed IMPP™ hardens, it fuses to the Basalt Fibres, creating a one-piece cone. Basalt Fibre is created by melting pulverised volcanic Basalt rock at over 1480°C and then drawing it into long, thin fibres. Thanks to the characteristics of these Basalt Fibres, Pioneer has been able to develop a speaker that is lightweight, super-strong, well-damped, stable in extreme temperatures, and environmentally-friendly.

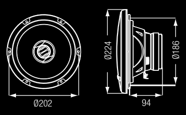
TS-E6902i 360 W Max.

6" X 9" COAXIAL 2-WAY SPEAKERS


264
220
184
151
89
117.5
166.6

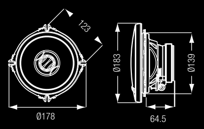
TS-E2002i 360 W Max.

20 CM COAXIAL 2-WAY SPEAKERS


Ø202
Ø224
Ø186
94

TS-E1702is 280 W Max.

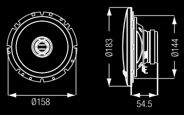
17 CM COAXIAL 2-WAY SPEAKERS


123
Ø183
Ø139
Ø178
64.5

- The TS-E1702is has a deeper and more rigid woofer cone, ensuring superior sound reproduction.

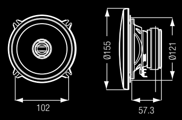
TS-E1702i 180 W Max.

17 CM COAXIAL 2-WAY SPEAKERS


Ø183
Ø144
Ø158
54.5

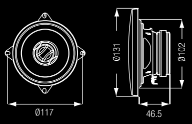
TS-E1302i 180 W Max.

13 CM COAXIAL 2-WAY SPEAKERS


Ø155
Ø121
102
57.3

TS-E1002i 110 W Max.

10 CM COAXIAL 2-WAY SPEAKERS


Ø131
Ø102
Ø117
46.5

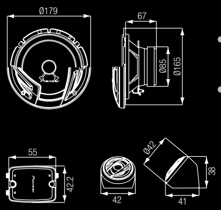
SPECIFICATIONS	TS-E170Ci	TS-E130Ci	TS-E6902i	TS-E2002i	TS-E1702is	TS-E1702i	TS-E1302i	TS-E1002i
Dual Layer IMX™ Aramid & Basalt Fibre Composite Cone with Butyl Rubber Edge	17 cm	13 cm	6" x 9" (163 x 237 mm)	20 cm	17 cm	17 cm	13 cm	10 cm
Soft Dome Tweeter	28 mm	28 mm	28 mm	28 mm	28 mm	23 mm	18 mm	18 mm
Neodymium Magnet	•	•	•	•	•	•	•	•
Back Chamber for Tweeter	•	•	•	•	•	•	•	•
Passive Crossover Network	LPF/HPF: -12/-12 dB	LPF/HPF: -12/-12 dB	LPF/HPF: -6/-12 dB	HPF: -12 dB	LPF/HPF: -6/-12 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB
Frequency Response	30 – 33,000 Hz	35 – 33,000 Hz	28 – 30,000 Hz	21 – 30,000 Hz	30 – 32,000 Hz	30 – 40,000 Hz	35 – 40,000 Hz	40 – 40,000 Hz
Sensitivity (1 W/1 m)	88 dB	88 dB	90 dB	89 dB	88 dB	88 dB	88 dB	86 dB
Nominal Input Power	60 W	35 W	80 W	90 W	60 W	35 W	35 W	25 W
Maximum Input Power	260 W	180 W	360 W	360 W	280 W	180 W	180 W	110 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω

a-Ccelerate Speaker Series: Urban Power

Rock solid and muscular audio output. That's what Pioneer's TS-A coaxial speaker series stands for. With their outstanding performance and sturdy construction they tap the full potential of your headunit and amplifier. The rigid cone ensures a punching bass and improved midrange frequency response. At the same time, their reaction speed is increased thanks to the highly flexible foamed rubber coat cloth surround. Plus, armed with heaps of urban attitude and a sharp, good-looking design they will attract eyes wherever you go.

TS-A170Ci 260 W Max.

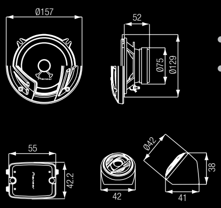
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



- Tweeter fitting kits included: surface mount slant spacer/custom tweeter bracket for Renault, Peugeot and Citroën.
- Passive crossover network: LPF/HPF: -6/-6 dB/oct.

TS-A130Ci 190 W Max.

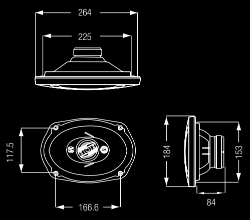
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



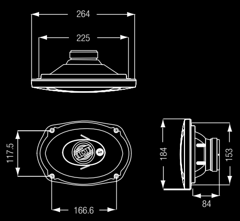
- Tweeter fitting kits included: surface mount slant spacer.
- Passive crossover network: LPF/HPF: -6/-6 dB/oct.

SPECIFICATIONS	TS-A170Ci	TS-A130Ci	TS-A6904i	TS-A6903i	TS-A6902i	TS-A2503i	TS-A2003i	TS-A1703i	TS-A1303i
Carbon Graphite IMPP™ Interlaced Aramid Fibre Cone with Foamed Rubber Coat Cloth Edge	17 cm	13 cm	6" x 9" (163 x 237 mm)	6" x 9" (163 x 237 mm)	6" x 9" (163 x 237 mm)	25 cm	20 cm	17 cm	13 cm
Balanced Dome Tweeter	28 mm	28 mm						25 mm	25 mm
PEI Cone Midrange			57 mm						
PET Cone Midrange				57 mm		57 mm	57 mm		
Cone Midrange					57 mm				
Tweeter			23 mm	17 mm		17 mm	17 mm	10 mm	10 mm
Super Tweeter			18 mm						
Passive Crossover Network	LPF/HPF: -6/-6 dB	LPF/HPF: -6 /-6 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB	HPF: -6 dB
Frequency Response	35 – 31,000 Hz	40 – 31,000 Hz	28 – 22,000 Hz	28 – 22,000 Hz	30 – 40,000 Hz	20 – 31,000 Hz	27 – 31,000 Hz	30 – 30,000 Hz	30 – 30,000 Hz
Sensitivity (1 W/1 m)	92 dB	91 dB	93 dB	91 dB	91 dB	92 dB	90 dB	90 dB	89 dB
Nominal Input Power	50 W	30 W	80 W	80 W	40 W	80 W	80 W	50 W	30 W
Maximum Input Power	260 W	190 W	400 W	350 W	260 W	420 W	400 W	240 W	180 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω

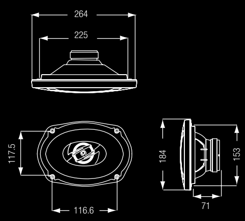
TS-A6904i 400 W Max.
6" X 9" COAXIAL 4-WAY SPEAKERS


264
225
117.5
166.6
184
153
84

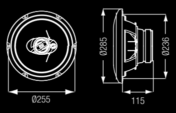
TS-A6903i 350 W Max.
6" X 9" COAXIAL 3-WAY SPEAKERS


264
225
117.5
166.6
184
153
84

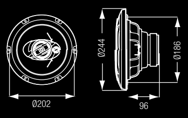
TS-A6902i 260 W Max.
6" X 9" COAXIAL 2-WAY SPEAKERS


264
225
117.5
116.6
184
153
71

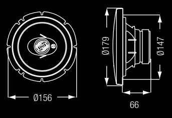
TS-A2503i 420 W Max.
25 CM COAXIAL 3-WAY SPEAKERS


Ø255
Ø285
Ø236
115

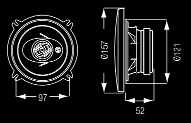
TS-A2003i 400 W Max.
20 CM COAXIAL 3-WAY SPEAKERS


Ø202
Ø244
Ø186
96

TS-A1703i 240 W Max.
17 CM COAXIAL 3-WAY SPEAKERS


Ø156
Ø179
Ø147
66

TS-A1303i 180 W Max.
13 CM COAXIAL 3-WAY SPEAKERS


97
Ø157
Ø121
52

CARBON GRAPHITE IMPP™ INTERLACED ARAMID FIBRES

Microscopic cross section view

The TS-A speakers' Carbon Graphite IMPP™ woofer cone is synonymous with increased durability and is designed for superior performance. In comparison to a regular woofer cone, the skin layer of the

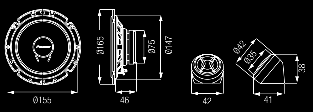
TS-A speakers' woofer cone is reinforced with Carbon Graphite IMPP™ interlaced Aramid fibres. This results in lighter weight and increased strength and rigidity in the speaker cone, and you will hear the difference. Audiophiles will enjoy a sound that is more accurate, with full-bodied bass.

TS-G Speaker Series: Live Sound Experience

Engineers with an ear for live and powerful sound have redesigned Pioneer's tough-looking TS-G series to provide you with the perfect balance of high-quality power audio capabilities. Easy to install, the TS-G speakers feature a shallow basket frame and removable ear-type screw holes to fit effortlessly into most cars.

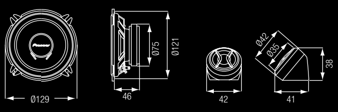
TS-G171C 170 W Max.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM



TS-G131C 130 W Max.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM



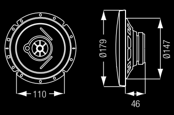
FRAME DESIGN FOR WIDE INSTALLATION CAPABILITIES

Thanks to its frame design, Pioneer's TS-G speaker line-up offers wide installation capabilities. The TS-G171C, TS-G1703i, TS-G1702i and TS-G1701i can be easily installed into any Peugeot or Citroën model. In addition, the 13 cm and 10 cm models have removable ear-type screw holes, making installation hassle-free.

SPECIFICATIONS	TS-G171C	TS-G131C	TS-G1703i	TS-G1303i	TS-G1003i	TS-G1702i	TS-G1302i	TS-G1002i	TS-G1701i	TS-G1301i	TS-G1001i
IMPP™ Cone Woofer	17 cm	13 cm	17 cm	13 cm	10 cm	17 cm	13 cm	10 cm	17 cm	13 cm	10 cm
Balanced Dome Tweeter	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm			
Tweeter			10 mm	10 mm	10 mm						
Shallow Basket Design	•	•	•	•	•	•	•	•	•	•	•
Frequency Response	35 – 25,000 Hz	50 – 25,000 Hz	30 – 30,000 Hz	40 – 25,000 Hz	35 – 30,000 Hz	30 – 30,000 Hz	40 – 25,000 Hz	35 – 30,000 Hz	30 – 20,000 Hz	30 – 25,000 Hz	35 – 29,000 Hz
Sensitivity (1 W/1 m)	90 dB	89 dB	90 dB	89 dB	87 dB	90 dB	89 dB	87 dB	89 dB	89 dB	87 dB
Nominal Input Power	35 W	25 W	35 W	25 W	25 W	35 W	25 W	25 W	35 W	25 W	20 W
Maximum Input Power	170 W	130 W	180 W	140 W	130 W	170 W	130 W	120 W	170 W	130 W	110 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω

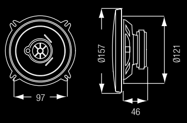
TS-G1703i 180 W Max.

17 CM COAXIAL 3-WAY SPEAKERS


Ø179
Ø147
110
46

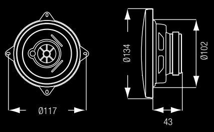
TS-G1303i 140 W Max.

13 CM COAXIAL 3-WAY SPEAKERS


Ø157
Ø121
97
46

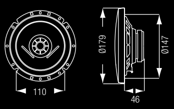
TS-G1003i 130 W Max.

10 CM COAXIAL 3-WAY SPEAKERS


Ø134
Ø102
Ø117
43

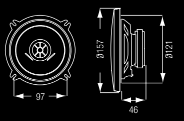
TS-G1702i 170 W Max.

17 CM COAXIAL 2-WAY SPEAKERS


Ø179
Ø147
110
46

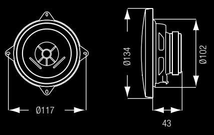
TS-G1302i 130 W Max.

13 CM COAXIAL 2-WAY SPEAKERS


Ø157
Ø121
97
46

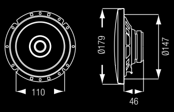
TS-G1002i 120 W Max.

10 CM COAXIAL 2-WAY SPEAKERS


Ø134
Ø102
Ø117
43

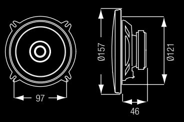
TS-G1701i 170 W Max.

17 CM DUAL-CONE SPEAKERS


Ø179
Ø147
110
46

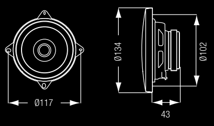
TS-G1301i 130 W Max.

13 CM DUAL-CONE SPEAKERS


Ø157
Ø121
97
46

TS-G1001i 110 W Max.

10 CM DUAL-CONE SPEAKERS


Ø134
Ø102
Ø117
43

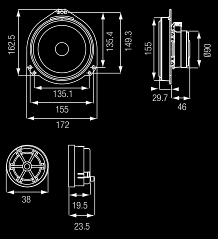
Q-Level Separate Component Speakers

Q-LEVEL DuPont™ KEVLAR® Pioneer offers the easy, one-stop solution to upgrading the factory-installed speaker systems in any Renault, Peugeot, Citroën or Opel/Vauxhall.

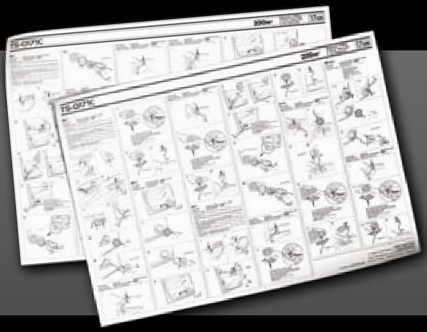
The Q-Level separate 2-way speaker systems combine a KEVLAR® brand fibre woofer with a soft dome tweeter to make for a smooth and most accurate audio experience.

TS-Q172C 220 W Max.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM



Pioneer
Pioneer



QUICK INSTALLATION GUIDE INCLUDED

To ease installation, the Q-Level speaker series comes with a simple and clear quick installation guide, which allows you to install these speakers by following a few simple steps.

INSTALLATION OVERVIEW TS-Q172C – OPEL/VAUXHALL

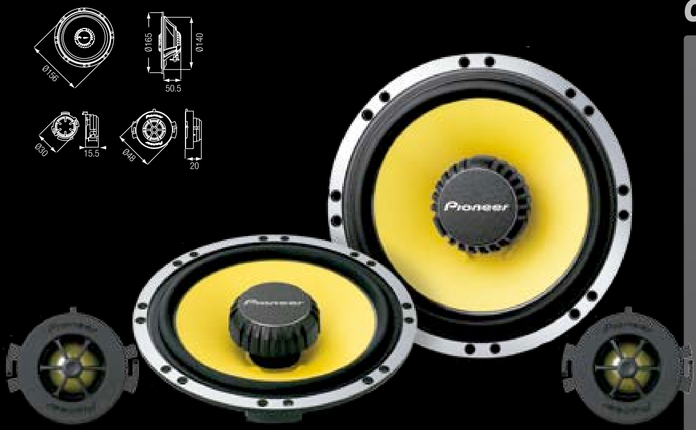
Model	Introduction	Woofer		Tweeter		
		Front door	Rear door	Front door	Rear door	Connector
Astra	2004/1 -	•		•		White
Astra	1997/10 - 2003/12	•		•		Black
Corsa	2006/10 -	•		•		White
Corsa	2000/10 - 2006/9	•		•		Black
Meriva	2002/10 -	•		•		Black
Signum	2003/9 -	•	•	•	•	White
Tigra Twin Top	2004/6 -	•		•		Black
Vectra	2002/3 -	•	•	•	•	White
Vectra	1995/9 - 2002/2	•		•		Black
Zafira	1999/3 - 2005/7	•		•		White
Zafira	2005/8 -	•		•		Black

OPEL/VAUXHALL *PERFECT-FIT*

Easy installation in the factory-fitted speaker locations

TS-Q171C 200 W Max.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM



Easy installation in the factory-fitted speaker locations

CITROËN PEUGEOT *PERFECT-FIT*

INSTALLATION OVERVIEW TS-Q171C – CITROËN

MODEL	INTRODUCTION DATE	LOCATION	WOOFER	TWEETER
C2	2003/9 -	Front	Door	Dashboard
C3	2001/9 -	Front	Door	Dashboard
C3 Pluriel	2002/9 -	Front	Door	Dashboard
C4	2004/9 -	Front	Door	Dashboard
C4 Picasso	2006/12 -	Front	Door	Dashboard
C5	2001/1 -	Front	Door	Dashboard
C8	2002/10 -	Front	Door	Dashboard
Xsara Picasso	1999/12 -	Front	Door	Dashboard
Xsara	1997/10 - 2004/8	Front	Door	Dashboard
Evasion	1994/3 - 2002/9	Front	Door	Dashboard
Berlingo	2002/10 -	Front	Door	Dashboard

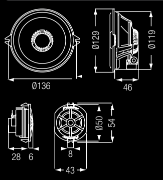
INSTALLATION OVERVIEW TS-Q171C – PEUGEOT

MODEL	INTRODUCTION DATE	LOCATION	WOOFER	TWEETER
206	1998/8 - 2006/2	Front	Door	Door
207	2006/3 -	Front	Door	Dashboard
307	2001/3 -	Front	Door	Dashboard
406	1995/6 - 2004/2	Front	Door	Dashboard
406 Coupé	1996/6 - 2005/8	Front	Door	Dashboard
407	2004/3 -	Front	Door	Dashboard
407 Coupé	2005/9 -	Front	Door	Dashboard
607	2000/10 -	Front	Door	Dashboard
806	1994/3 - 2002/9	Front	Door	Dashboard
807	2002/10 -	Front	Door	Dashboard
1007	2004/10 -	Front	Dashboard	Dashboard
Partner	2002/10 -	Front	Door	Dashboard

Note: Can also be installed in Lancia Phedra (2002/10-) and Fiat Ulysee (2002/10-).

TS-Q131C 180 W Max.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM



Pioneer
Pioneer

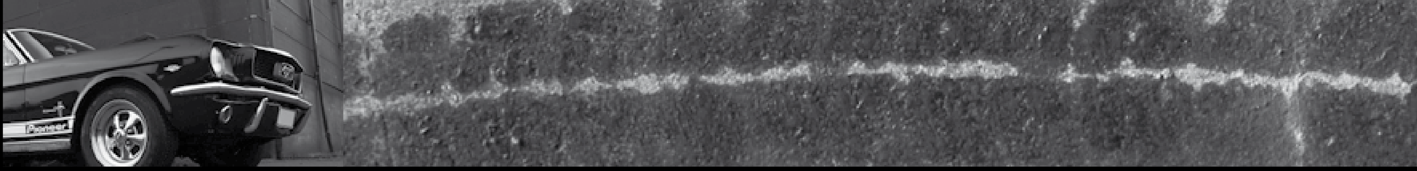
RENAULT *PERFECT-FIT*

INSTALLATION OVERVIEW TS-Q131C - RENAULT

MODEL	INTRODUCTION DATE	LOCATION	WOOFER	TWEETER
Twingo I	1998/10 - 2007/7	Front	Door	Dashboard
Twingo II	2007/8	Front	Door	Dashboard
Clio II Series	1998/3 - 2005/8	Front	Door	Dashboard
Clio III Series	2005/9 -	Front	Door	Dashboard
Megane Series	2002/10 -	Front	Door	Dashboard
Scenic/Grand Scenic	2003/7 -	Front	Door	Dashboard
Laguna Series	1999/10 - 2008/8	Front Rear	Door Door	Dashboard Door
Espace/Grand Espace	2002/11 -	Front Rear	Door Door	Dashboard Door
Vel Satis	2001/9 -	Front Rear	Door Door	Dashboard Door

Easy installation in the factory-fitted speaker locations

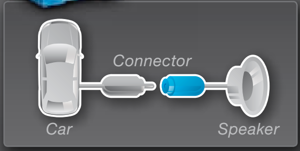
SPECIFICATIONS	TS-Q172C	TS-Q171C	TS-Q131C
KEVLAR® Brand Fibre Composite Cone Woofer with Butyl Rubber Edge (ø)	17 cm	17 cm	13 cm
Soft Dome Tweeter with Neodymium Magnet (ø)	25 mm	25 mm	25 mm
Front-mounted Magnetic Circuit Structure Using a Neodymium Magnet		•	•
Frequency Response	35 – 28,000 Hz	35 – 28,000 Hz	40 – 28,000 Hz
Sensitivity (1 W/1 m)	89 dB	89 dB	89 dB
Nominal Input Power	50 W	40 W	35 W

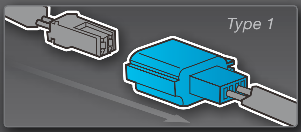


Separate Component High-grade Custom-fit Speakers

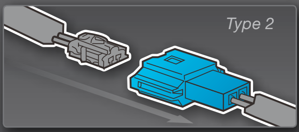
These systems – made up of select separate woofers and tweeters – offer truly outstanding performance. The woofers are designed to fit the car's existing speaker provisions and the tweeters can be fitted in any convenient location to optimise the overall sound image in the front of the car. The Easy Connector makes installation simple, allowing you to attach the speakers to the car's speaker connectors.

EASY CONNECTORS

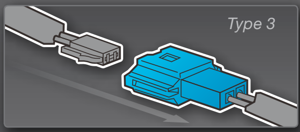




Alfa, Citroën, Peugeot (- '98)



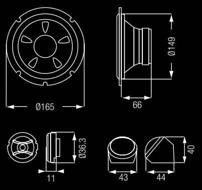
Peugeot ('98 -)



Opel/Vauxhall, Renault, Seat, Volvo

TS-H1703 180 W Max.

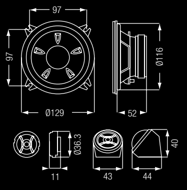
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

TS-H1303 130 W Max.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM



Alfa Romeo, BMW, Citroën, Hyundai, Lada, Opel/Vauxhall, Peugeot, Renault, Rover, Volvo

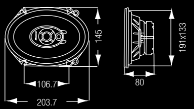
SPECIFICATIONS	TS-H1703	TS-H1303
IMPP™ Cone Woofer with Butyl Rubber Edge (ø)	17 cm	13 cm
Metal-coated PI Balanced Dome Tweeter with Neodymium Magnet (ø)	26 mm	26 mm
Cone-integrated Conical Domes	•	•
Easy Connector	•	•
In-line Crossover Network	•	•
Frequency Response	30 – 30,000 Hz	40 – 30,000 Hz
Sensitivity (1 W/1 m)	91 dB	90 dB
Nominal Input Power	50 W	35 W

Coaxial High-grade Custom-fit Speakers

For impressively rich, natural sound and simple installation, coaxial high-grade custom-fit speakers are the clear choice. Thanks to the IMPP™ cone woofers with cone-integrated conical domes, these speakers ensure full bass sounds.

TS-H687 240 W Max.

6" X 8" COAXIAL 3-WAY SPEAKERS

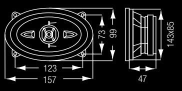

145
106.7
203.7
191x133
80

CUSTOM-FIT FOR FORD MAZDA
CUSTOM-FIT FOR FORD MAZDA
CUSTOM-FIT FOR FORD MAZDA
CUSTOM-FIT FOR FORD MAZDA
Pioneer
Pioneer

Ford, Jaguar, Mazda

TS-H467 110 W Max.

4" X 6" COAXIAL 2-WAY SPEAKERS


73
99
123
157
143x85
47

Pioneer
Pioneer

Daewoo/Chevrolet, Fiat, Lancia, Seat, Volkswagen

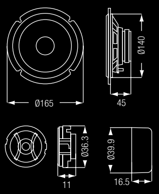
SPECIFICATIONS	TS-H687	TS-H467
Composite IMPP™ Cone Woofer Using Interlaced Aramid Fibre with Butyl Rubber Edge (ø)	6" x 8" (145 x 204 mm)	
IMPP™ Cone Woofer (ø)		4" x 6" (95 x 153 mm)
Laminated Polyester Balanced Dome Midrange with Neodymium Magnet (ø)	40 mm	
Metal-Coated PI Balanced Dome Tweeter with Neodymium Magnet (ø)		26 mm
Dome Tweeter (ø)	10 mm	
Cone-integrated Conical Domes		•
Frequency Response	30 – 28,000 Hz	45 – 30,000 Hz
Sensitivity (1 W/1 m)	90 dB	90 dB
Nominal Input Power	50 W	25 W

Separate Component Custom-fit Speakers

Combining far better sound imaging with high power performance, Pioneer's separate component custom-fit speakers are an affordable way to raise output levels. What's more, they can be installed without hassle.

TS-1785 170 W Max.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM



Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

- Tweeter fitting kits included: bracket for Renault/Peugeot/Citroën, bracket for Opel/Vauxhall/VW, surface mount spacer

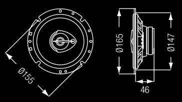
SPECIFICATIONS	TS-1785
IMPP™ Cone Woofer (Ø)	17 cm
PEI Balanced Dome Tweeter (Ø)	26 mm
Shallow Basket Design	•
In-line Crossover Network	•
Frequency Response	35 – 30,000 Hz
Sensitivity (1 W/1 m)	90 dB
Nominal Input Power	35 W

Custom-fit Speakers

For those looking for solid quality sound for a particular car, Pioneer's custom-fit speakers offer an affordable solution. They don't only offer a great sonic performance, but are very easy to install too. The 17 cm models feature an Easy Connector for direct access to the car's speaker connectors, while the 10 cm models come with removable screw holes, allowing compatibility with round and square basket frames. Apart from the TS-876 and TS-4628, all custom-fit speakers feature an IMPP™ cone woofer to ensure deep bass tones. Whichever model you choose, you will clearly be able to match your taste in speakers with your taste in cars.

TS-1776 II 170 W Max.

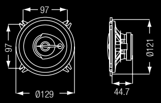
17 CM COAXIAL 3-WAY SPEAKERS



Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

TS-1376 II 120 W Max.

13 CM COAXIAL 3-WAY SPEAKERS

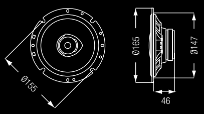


- DIN/Peugeot type terminal

Alfa Romeo, BMW, Citroën, Hyundai, Lada, Opel/Vauxhall, Peugeot, Renault, Rover, Volvo

TS-1756 II 160 W Max.

17 CM COAXIAL 2-WAY SPEAKERS

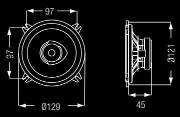


EASY CONNECTOR

Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

TS-1356 II 120 W Max.

13 CM COAXIAL 2-WAY SPEAKERS

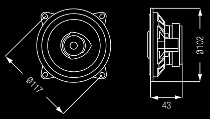


- DIN/Peugeot type terminal

Alfa Romeo, BMW, Citroën, Hyundai, Lada, Opel/Vauxhall, Peugeot, Renault, Rover, Volvo

TS-1056 II 100 W Max.

10 CM COAXIAL 2-WAY SPEAKERS

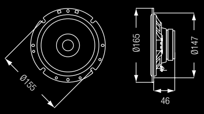


- Round/square compatible frame

Audi, BMW, Citroën, Fiat, Mercedes-Benz, Peugeot, Renault, Rover, Saab, Seat, Volkswagen, Volvo

TS-1746 II 160 W Max.

17 CM DUAL-CONE SPEAKERS

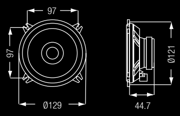


EASY CONNECTOR

Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

TS-1346 II 120 W Max.

13 CM DUAL-CONE SPEAKERS

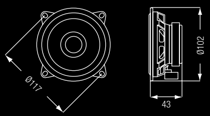


- DIN/Peugeot type terminal

Alfa Romeo, BMW, Citroën, Hyundai, Lada, Opel/Vauxhall, Peugeot, Renault, Rover, Volvo

TS-1046 II 100 W Max.

10 CM DUAL-CONE SPEAKERS

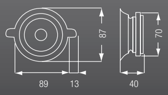


- Round/square compatible frame

Audi, BMW, Citroën, Fiat, Mercedes-Benz, Peugeot, Renault, Rover, Saab, Seat, Volkswagen, Volvo

TS-876 40 W Max.

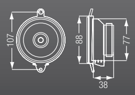
8.7 CM COAXIAL 2-WAY SPEAKERS



Saab, Seat, Volkswagen

TS-875 50 W Max.

8.7 CM COAXIAL 2-WAY SPEAKERS

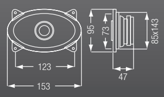


- ARM™ basket with Punto connector (just-fit design)

Fiat Punto

TS-4628 50 W Max.

4" X 6" COAXIAL 2-WAY SPEAKERS



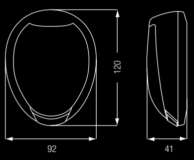
Daewoo/Chevrolet, Fiat, Lancia, Nissan, Seat, Volkswagen

SPECIFICATIONS	TS-1776 II	TS-1376 II	TS-1756 II	TS-1356 II	TS-1056 II	TS-1746 II	TS-1346 II	TS-1046 II	TS-876	TS-875	TS-4628
IMPP™ Cone Woofer (ø)	17 cm	13 cm	17 cm	13 cm	10 cm	17 cm	13 cm	10 cm		8.7 cm	
Cone Woofer (ø)									8.7 cm		4" x 6" (95 x 153 mm)
Cone Midrange with Neodymium Magnet	42 mm	42 mm									
Cone Tweeter (ø)			42 mm	36 mm	30 mm				38 mm	30 mm	
Tweeter (ø)	10 mm	10 mm									
Shallow Basket Design	•	•	•	•	•	•	•	•			
Easy Connector	•		•			•					
DIN/Peugeot Type Terminal		•		•	•		•	•			
Frequency Response	30 – 26,000 Hz	40 – 26,000 Hz	30 – 22,000 Hz	40 – 22,000 Hz	45 – 22,000 Hz	30 – 22,000 Hz	40 – 22,000 Hz	45 – 22,000 Hz	90 – 20,000 Hz	75 – 30,000 Hz	45 – 25,000 Hz
Sensitivity (1 W/1 m)	92 dB	91 dB	92 dB	91 dB	90 dB	92 dB	91 dB	90 dB	90 dB	89 dB	90 dB
Nominal Input Power	35 W	25 W	35 W	25 W	20 W	35 W	25 W	20 W	10 W	10 W	10 W

Surface Mount Speakers

TS-CX7 60 W Max.

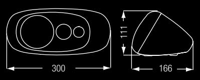
CENTRE SPEAKER FOR 5.1-CHANNEL SURROUND SOUND



- Stable dash mounting

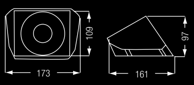
TS-X150 60 W Max.

3-WAY SPEAKERS



TS-44 40 W Max.

FULL-RANGE SPEAKERS

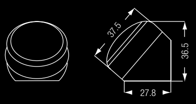


SPECIFICATIONS	TS-CX7	TS-X150	TS-44
KEVLAR® Brand Fibre Composite Cone Midrange with Butyl Rubber Edge (ø)	57 mm		
Cone Woofer (ø)		13 cm	
Full-range Speaker (ø)	•		10 cm
Horn Midrange (ø)		27 mm	
Horn Tweeter (ø)		20 mm	
Double Neodymium Magnets	•		
Frequency Response	140 – 30,000 Hz	75 – 20,000 Hz	180 – 20,000 Hz
Sensitivity (1 W/1 m)	80 dB	89 dB	88 dB
Nominal Input Power	20 W	20 W	10 W

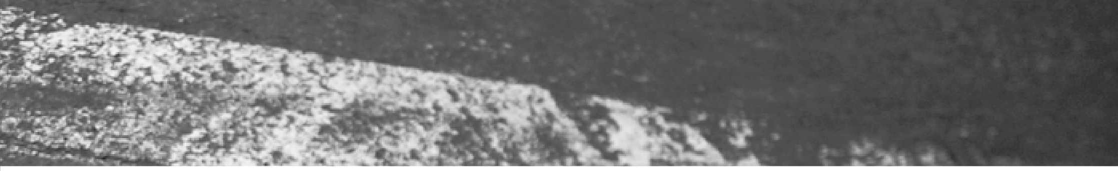
Tweeters

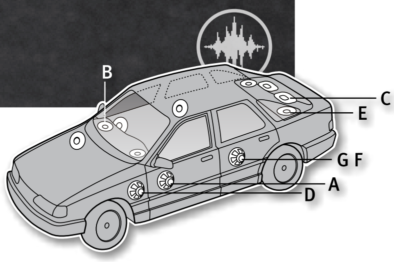
TS-S15 120 W Max.

TUNE-UP DOME TWEETERS



SPECIFICATIONS	TS-S15
Soft Dome Styrene-rubber-coated Polyester Tweeter (ø)	20 mm
Cut-off Frequency	6000 Hz with -6 dB/Oct
Versatile Mounting (3-way Surface Mount)	•
Slant Spacer Included	•
In-line Crossover Network	•
Frequency Response	2,500 – 30,000 Hz
Sensitivity (1 W/0.5 m)	90 dB
Nominal Input Power	40 W



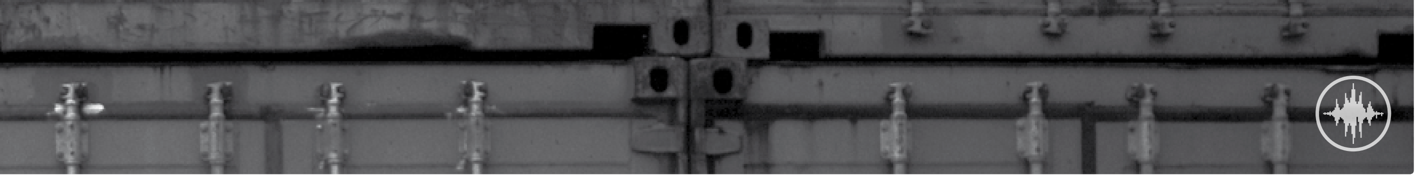


Pioneer offers a wide range of universal and custom-fit speakers to fit many cars. The chart below lists many popular car models, and the Pioneer speakers which can fit them. With custom-fit speakers, installation is easy and exact; they fit perfectly in the speaker holes – no cutting or drilling necessary. If universal speakers – see chart pages 101-107 – are preferred, they can be mounted in the car's speaker provisions with the use of an adapter kit, or mounted in the back. (In some countries, the car models listed may not have all required speaker provisions).

CUSTOM-FIT SPEAKER CHART

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
ALFA ROMEO										
145 (9/94 - 4/01)	A		TS-H1703* (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
146 (9/95 - 4/01)	A		TS-H1703* (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
155 (3/92 - 9/97)	C		TS-H1703		TS-1785			TS-1746 II		SUUNI004
156 (9/97 - 2/05)	A		TS-H1703*		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
	G		TS-H1703*		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
159 (3/05 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599 (10)
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599 (10)
164 Super (3/92 - 9/98)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		
166 (10/98 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	C				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
AUDI										
80 4-door (11/91 - 12/94)	B						TS-1056 II	TS-1046 II		
90 Coupé (9/88 - 12/94)	B						TS-1056 II	TS-1046 II		
A3 3-door (7/03 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P852
A4 4-door (1/01 - 9/04)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
V8 (10/88 - 4/94)	B						TS-1056 II	TS-1046 II		
A6 (3/97 - 3/04)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
A6 (4/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1703 (3)		TS-1785 (3)	TS-1776 II (3)	TS-1756 II (3)	TS-1746 II (3)		
TT (10/98 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
BMW										
3-series 2-door (10/85 - 1/92)	D		TS-H1303				TS-1356 II	TS-1346 II		
3 Touring (1/88 - 4/00)	D		TS-H1303				TS-1356 II	TS-1346 II		
	E						TS-1056 II	TS-1046 II		
3-series 4-door (12/90 - 2/98)	D		TS-H1303				TS-1356 II	TS-1346 II		
3-series 4-door (3/98 - 3/05)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		43P811
	C					TS-1376 II	TS-1356 II	TS-1346 II		43P811
3-series Coupé (1/92 - 1/99)	D		TS-H1303				TS-1356 II	TS-1346 II		
3-series compact (5/94 - 10/00)	D		TS-H1303				TS-1356 II	TS-1346 II		
5-series (1/88 - 6/95)	C		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	D		TS-H1303				TS-1356 II	TS-1346 II		
5-series (7/95 - 6/03)	C		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	D		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
7-series (10/86 - 3/94)	C		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	D		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
MINI (10/00 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
CITROËN										
AX exc. HIT 3-door (8/91 - 9/96)	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
AX exc. HIT 5-door (8/91 - 9/96)	A					TS-1376 II	TS-1356 II	TS-1346 II		
AX HIT 3-door (8/91 - 9/96)	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
AX HIT 5-door (8/91 - 9/96)	A					TS-1376 II	TS-1356 II	TS-1346 II		
BX (8/86 - 2/93)	A						TS-1356 II	TS-1346 II		
Saxo 3-door (10/96 - 9/01)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Saxo 5-door (10/96 - 9/01)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Xantia (3/92 - 12/00)	A						TS-1756 II	TS-1746 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
XM 4-door (7/89 - 12/00)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		
	E					TS-1376 II	TS-1356 II	TS-1346 II		
XM Break (1/92 - 12/00)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		
	E						TS-1356 II	TS-1346 II		
ZX Reflex/Avantage (4/91 - 9/97)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
CITROËN										
ZX Aura/Volcano (4/91 - 9/97)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
ZX 3-door (10/92 - 9/97)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
ZX Break (4/91 - 2/98)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Xsara 5-door (10/97 - 8/04)	A	TS-Q171C (1)	TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Xsara Break (3/98 - 8/04)	A	TS-Q171C (1)	TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Xsara Coupé (10/98 - 8/04)	A	TS-Q171C (1)	TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
C1 (03/05 -)	B						TS-1056 II (9)	TS-1046 II (9)		
C2 (9/03 -)	A	TS-Q171C (1)	TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
C2 (9/03 -)	F						TS-1356 II	TS-1346 II		
C3 (9/01 -)	A	TS-Q171C (1)			TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
C3 Pluriel (9/02 -)	A	TS-Q171C (1)			TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F					TS-1376 II	TS-1356 II	TS-1346 II		
C4 (9/04 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
C4 Coupé (9/04 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
C4 Picasso (12/06 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
C5 (1/01 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
C8 (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Berlingo (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Berlingo (10/96 - 9/02)	B						TS-1056 II	TS-1046 II		
Evasion (3/94 - 9/02)	A	TS-Q171C (1)	TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1703*		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
Picasso (12/99 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Jumper (6/02 - 5/06)	B						TS-1056 II	TS-1046 II		
Jumper (6/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Jumpy (10/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
DACIA										
Logan (3/05 -)	A					TS-1376 II (9)	TS-1356 II (9)	TS-1346 II (9)		
Logan MCV (12/06 -)	A					TS-1376 II (9)	TS-1356 II (9)	TS-1346 II (9)		
DAIHATSU										
Sirion (10/99 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
Materia (1/07 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
	G					TS-1776 II*	TS-1756 II*	TS-1746 II*		*SUUNI004
DAEWOO / CHEVROLET										
Matiz (3/99 - 2/05)	A						TS-1056 II	TS-1046 II		
Matiz (3/05 -)	B						TS-1056 II	TS-1046 II		
Lanos 3/5-door (1/97 -)	F			TS-H467			TS-4628			
Tacuma (1/00 -)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	E			TS-H467						
Lacetti (1/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
	G		TS-H1303 (3)			TS-1376 II (3)	TS-1356 II (3)	TS-1346 II (3)		
Aveo (9/07 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	C		TS-H1703		TS-1785*	TS-1776 II*	TS-1756 II*	TS-1746 II*		*UD-M177VW
Captiva (3/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Kalos 3-door (9/02 - 8/07)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		UD-M177VW
Kalos 5-door (8/02 - 7/07)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		UD-M177VW
Epica 3-door (3/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
FIAT										
Coupé (12/93 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Croma (7/86 - 9/96)	B			TS-H467			TS-4628			
	E			TS-H467			TS-4628			
Croma (3/05 -)	B		TS-H1703 (7/10)		TS-1785 (7/10)	TS-1776 II (7/10)	TS-1756 II (7/10)	TS-1746 II (7/10)		43P845
	G		TS-H1703 (7/10)		TS-1785 (7/10)	TS-1776 II (7/10)	TS-1756 II (7/10)	TS-1746 II (7/10)		43P845
Punto (9/93 - 8/99)	B						TS-875			
	E						TS-1056 II	TS-1046 II		
Punto Cabrio (3/94 - 8/99)	B						TS-875			
	F			TS-H467			TS-4628			
Punto (9/99 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Grand Punto (9/05 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P852
Panda (9/03 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P839
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
Tempra (2/90 - 9/96)	B						TS-1056 II	TS-1046 II		



		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
FIAT										
Tempra Break (3/92 - 9/96)	B						TS-1056 II	TS-1046 II		
Tipo (2/88 - 8/95)	B						TS-4628			
	E						TS-1056 II	TS-1046 II		
500 (4/92 - 9/98)	B						TS-1056 II	TS-1046 II		
Seicento / 600 (9/97 -)	B						TS-1056 II	TS-1046 II		
Ulysse (3/94 - 9/02)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1703*		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
Ulysse (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Multipla (3/98 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Ducato (6/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Sedici (3/06 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
Stilo (09/01 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P828
FORD										
Focus 3-door (10/98 - 10/04)	A			TS-H687						
Focus 4/5-door (10/98 - 10/04)	A			TS-H687						
	G			TS-H687						
Focus 4/5-door (11/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P845
Focus Coupé/Cabriolet (3/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P845
	F		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P845
C-Max (3/03 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P845
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P846
Fiesta (9/01 -)	A			TS-H687						
	G			TS-H687						
Fusion 5-door (3/03 -)	A			TS-H687						
	G			TS-H687						
Mondeo (3/93 - 11/00)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M172
	A			TS-H687						
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M172
	G			TS-H687						
Mondeo (12/00 - 9/06)	A			TS-H687						
	G			TS-H687						
Mondeo (9/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P846
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P846
S-Max (3/06 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
	G					TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
Galaxy (9/95 - 2/06)	A				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	G				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Galaxy (3/06 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
	G					TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
HONDA										
Civic 5-door (11/95 - 1/01)	E						TS-1056 II	TS-1046 II		
Civic 5-door (2/01 - 8/05)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
Civic 5-door (9/05 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
Jazz 5-door (1/02 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P599
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P599
HYUNDAI										
Accent (3/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Atos (6/98 -)	B						TS-1056 II	TS-1046 II		
i30 (10/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Matrix (1/01 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Santa Fe (7/01 - 5/06)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
Sonata (9/93 - 9/05)	B						TS-1056 II	TS-1046 II		
Sonata (10/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
Tucson (1/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
Trajet (6/00 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
	F		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P840
Lantra 4/5-door (3/98 -)	A					TS-1376 II	TS-1356 II	TS-1346 II		
Getz (10/02 -)	A		TS-H1703 (4)		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
S-coupé (1/90 - 12/96)	C						TS-1056 II	TS-1046 II		
JAGUAR										
S-type (3/99 -)	A			TS-H687						
	G			TS-H687						
X-type (3/01 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
X-type Estate (9/03 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
VAZ/LADA										
Samara 3-door (1/86 - 12/99)	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Samara 5-door (1/88 - 12/99)	A			TS-H467			TS-4628			

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
VAZ/LADA										
Samara 5-door (1/88 - 12/99)	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Diva/Sagona (8/91 - 12/99)	C		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2104	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2108	B		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2109	B		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
21099	B		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2110	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2111	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2112	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2115	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
21213	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
2131	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
KIA										
Carens (5/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Carnival (3/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Cee'd (10/06 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		UD-M177VW
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		UD-M177VW
Cerato 5-door (3/04 -)	A				TS-1785 (7)		TS-1756 II (7)	TS-1746 II (7)		43P287
Magentis (9/05 -)	A					TS-1776 II	TS-1756 II	TS-1746 II		
	G					TS-1776 II	TS-1756 II	TS-1746 II		
Picanto (3/04 -)	A		TS-H1303 (3)			TS-1376 II (3)	TS-1356 II (3)	TS-1346 II (3)		
	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	G		TS-H1303 (3)			TS-1376 II (3)	TS-1356 II (3)	TS-1346 II (3)		
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
Rio (3/05 -)	B		TS-H1703 (7)		TS-1785 (7)	TS-1776 II (7)	TS-1756 II (7)	TS-1746 II (7)		43P287
	G		TS-H1703 (7)		TS-1785 (7)	TS-1776 II (7)	TS-1756 II (7)	TS-1746 II (7)		43P287
Sorento (1/07 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Sportage (10/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
LANCIA										
Dedra (6/89 - 4/99)	B						TS-1056 II	TS-1046 II		
Delta (7/93 - 6/00)	C				TS-1785		TS-1756 II	TS-1746 II		
Y (1/96 - 2/03)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Ypsilon (3/03 -)	A		TS-H1703 (7)		TS-1785 (7)	TS-1776 II (7)	TS-1756 II (7)	TS-1746 II (7)		SUUNI004
	F		TS-H1703 (7)		TS-1785 (7)	TS-1776 II (7)	TS-1756 II (7)	TS-1746 II (7)		SUUNI004
Thema (10/88 - 9/94)	B			TS-H467			TS-4628			
Z (3/94 - 9/02)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1703*		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*SUUNI004
Phedra (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
MAZDA										
323 3-door (6/97 - 8/03)	F			TS-H687						
323 4/5-door (8/98 - 8/03)	A			TS-H687						
626 4-door (1/92 - 9/98)	A			TS-H687						
	C			TS-H687						
626 5-door (1/92 - 9/98)	A			TS-H687						
	E			TS-H687						
626 4/5 door (10/98 - 2/02)	A			TS-H687						
	G			TS-H687						
2 (4/04 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
3 5-door (9/03 -)	A			TS-H687						
	G			TS-H687						
5 (5/05 -)	A			TS-H687						
	F			TS-H687						
6 4/5-door (3/02 -)	A		TS-H1703 (7)		TS-1785 (7)	TS-1776 II (7)	TS-1756 II (7)	TS-1746 II (7)		SUUNI004
	A			TS-H687 (10)						
	G			TS-H687						
MX 5 (6/02 - 8/05)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
MX 5 (9/05 -)	A			TS-H687						
Tribute (3/99 - 5/05)	A			TS-H687						
	G			TS-H687						
MERCEDES										
A-Class (9/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P853
	G						TS-1056 II	TS-1046 II		43P854
B-Class (3/05 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P853
	G						TS-1056 II	TS-1046 II		43P854
S/SE/SEL (W126) (1/80 - 2/91)	B			TS-H467			TS-4628			
Vito (3/96 -)	B						TS-1056 II	TS-1046 II		
V-series (3/96 -)	B						TS-1056 II	TS-1046 II		
MITSUBISHI										
Spacestar (1/98 - 12/05)	G					TS-1376 II	TS-1356 II	TS-1346 II		
Colt (3/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
Lancer (6/07 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		UD-M177VW

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
MITSUBISHI										
Lancer (6/07 -)	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		UD-M177VW
Grandis (10/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Outlander (10/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
I200 (12/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
MOSKVICH										
2141	B		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
NISSAN										
100NX (2/91 - 12/96)	A						TS-4628 (10)			
Maxima (1/92 - 12/99)	A						TS-4628			
Micra 3-door (11/92 - 2/98)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Micra 5-door (10/02 -)	A		TS-H1703 *		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		*43P599
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Note (9/05 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P287
Primera exc. L 4-door (9/90 - 8/01)	C		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
300 ZX (9/89 - 6/97)	E						TS-4628			
OPEL/VAUXHALL										
Agila (2/01 -)	B						TS-1056 II	TS-1046 II		
	K						TS-1056 II	TS-1046 II		
Antara (10/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599
Astra 3/5-door (9/91 - 9/97)	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
Astra 4-door (6/92 - 9/97)	C		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Astra 3-door (10/97 - 12/03)	A	TS-Q172C (1)	TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	43P599
	F		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Astra 3-door (1/04 -)	A	TS-Q172C (1)	TS-H1703 (10)		TS-1785* (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)	*51P847	43P599
Corsa (10/00 - 9/06)	A	TS-Q172C (1)	TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P599
Corsa 3-door (10/06 -)	A	TS-Q172C (1)			TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599
Corsa 5-door (10/06 -)	A	TS-Q172C (1)			TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599
	G		TS-H1303			TS-1376 II (10)	TS-1356 II (10)	TS-1346 II (10)		43P852
Frontera (6/91 - 12/98)	F						TS-4628			
Meriva 5-door (10/02 -)	A	TS-Q172C (1)	TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	43P599
	G		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	43P599
Omega (4/94 - 5/03)	A		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	43P599
Tigra (11/95 - 6/04)	A				TS-1785*		TS-1756 II	TS-1746 II	*51P847	
Tigra (6/04 -)	A	TS-Q172C (1)	TS-H1703 (10)		TS-1785* (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)	*51P847	43P599
Vectra (9/95 - 2/02)	A	TS-Q172C (1)			TS-1785* (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)	*51P847	43P599
Vectra (3/02 -)	A	TS-Q172C (1)	TS-H1703 (10)		TS-1785* (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)	*51P847	43P599
	G	TS-Q172C (1)	TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	43P599
Zafira (3/99 - 7/05)	A	TS-Q172C (1)			TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P599
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		UD-M131
Zafira (8/05 -)	A	TS-Q172C (1)	TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		43P599
PEUGEOT										
106 XR/XN 3-door (9/91 -)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
106 XT/XSI 3-door (9/91 -)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	F						TS-1056 II	TS-1046 II		
106 5-door (9/92 -)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
107 (03/05 -)	B						TS-1056 II (9)	TS-1046 II (9)		
1007 (10/04 -)	B	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
205 3/5-door (9/83 - 7/98)	A		TS-H1303				TS-1356 II	TS-1346 II		
	H						TS-1356 II	TS-1346 II		
206 Series (8/98 - 2/06)	A	TS-Q171C (1)			TS-1785 (1/11)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	G		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
207 Series (3/06 -)	A	TS-Q171C (1)			TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
306 XN/XS/XT (8/93 - 2/01)	A	TS-Q171C (1)			TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
307 series (03/01 -)	A	TS-Q171C (1)	TS-H1703 (1/10)		TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		SUUNI004
	G		TS-H1303				TS-1356 II	TS-1346 II		
405 (6/92 - 5/95)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		SUUNI004
406 (6/95 - 2/04)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
406 Coupé (6/96 - 8/05)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
407 (3/04 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
407 Coupé (9/05 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
605 (9/89 - 9/99)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	G		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		SUUNI004
607 (10/00 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
806 (3/94 - 9/02)	A				TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		
	F		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
807 (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Boxer (6/02 - 5/06)	B						TS-1056 II	TS-1046 II		

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
PEUGEOT										
Boxer (6/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
Expert (10/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
Partner (10/97 - 9/02)	B						TS-1056 II	TS-1046 II		
Partner (10/02 -)	A	TS-Q171C (1)			TS-1785 (1/10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		
RENAULT										
19 RL/RN (4/92 - 8/95)	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
19 exc. RL/RN (4/92 - 8/95)	A		TS-H1703		TS-1785*		TS-1756 II	TS-1746 II	*51P847	
	E		TS-H1303			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
19 Chamade exc. RL/LN (4/92 - 8/95)	A		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
19 Cabrio (4/92 - 4/97)	A		TS-H1703		TS-1785*			TS-1746 II	*51P847	
	F						TS-1056 II	TS-1046 II	51P847	
Twingo I (10/98 - 8/00)	B						TS-1056 II	TS-1046 II	51P847	
Twingo I (9/00 - 7/07)	A	TS-Q131C (1)				TS-1376 II	TS-1356 II	TS-1346 II	51P847	
Twingo II (8/07 -)	A	TS-Q131C (1)								
	F					TS-1376 II (10)	TS-1356 II (10)	TS-1346 II (10)		
Clio (5/90 - 2/98)	B						TS-1056 II	TS-1046 II		
	E						TS-1056 II	TS-1046 II		
Clio II 3-door (3/98 - 8/05)	A	TS-Q131C (1)	TS-H1303 (10)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
	F		TS-H1303 (10)			TS-1376 II	TS-1356 II	TS-1346 II		
Clio II exc. RXE 5-door (3/98 - 8/05)	A	TS-Q131C (1)	TS-H1303 (10)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Clio II RXE 5-door (3/98 - 8/05)	A	TS-Q131C (1)	TS-H1303 (10)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
	G		TS-H1303 (10)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Clio III (9/05 -)	A	TS-Q131C (1)				TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
	G		TS-H1303 (9/10)			TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Mégane 3/5-door (10/02 -)	A	TS-Q131C (1)				TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Mégane 4-door (3/03 -)	A	TS-Q131C (1)	TS-H1303 (9/10)			TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Mégane RL/RN 5-door (9/95 - 9/02)	A		TS-H1303 (1)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
	E		TS-H1303			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Mégane RT 5-door (9/95 - 9/02)	A		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	E		TS-H1303			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Mégane Classic (9/95 - 9/02)	A		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	C		TS-H1303 (3)			TS-1376 II *(3)	TS-1356 II* (3)	TS-1346 II* (3)	*51P847	
Mégane Coupé (9/95 - 9/02)	A		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	C		TS-H1303			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Mégane Scénic (10/96 - 6/03)	A		TS-H1303 (1)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
	E		TS-H1303			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
Mégane Scénic (7/03 -)	A	TS-Q131C (1)				TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Mégane Grand Scénic (1/04 -)	A	TS-Q131C (1)				TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
	G					TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Mégane Break (6/99 - 6/03)	A		TS-H1303 (1)			TS-1376 II*	TS-1356 II*	TS-1346 II*	*51P847	
	K						TS-1056 II	TS-1046 II		
Laguna (1/94 - 9/99)	A		TS-H1703 (1)		TS-1785 *(1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	E		TS-H1703 (4)		TS-1785* (4)	TS-1776 II (4)	TS-1756 II (4)	TS-1746 II (4)	*51P847	
Laguna Break (9/95 - 9/99)	A		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	K						TS-1056 II	TS-1046 II		
Laguna series (10/99 -)	A	TS-Q131C (1)	TS-H1303 (9)			TS-1376 II* (9)	TS-1356 II *(9)	TS-1346 II* (9)	*51P847	
	G	TS-Q131C (1)	TS-H1303 (9)			TS-1376 II* (9)	TS-1356 II* (9)	TS-1346 II* (9)	*51P847	
Safrane (3/92 - 10/01)	A		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	G		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Kangoo (9/97 -)	B						TS-1056 II	TS-1046 II	51P847	
	E						TS-1056 II	TS-1046 II	51P847	
Kangoo Express (9/97 -)	B						TS-1056 II	TS-1046 II	51P847	
Espace (5/91 - 1/97)	B		TS-H1703 (1)		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	H		TS-H1703		TS-1785* (1)	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Espace (11/02 -)	A	TS-Q131C (1)				TS-1376 II (9/10)	TS-1356 II (9/10)	TS-1346 II (9/10)	51P847	
	G	TS-Q131C (1)				TS-1376 II* (9/10)	TS-1356 II* (9/10)	TS-1346 II* (9/10)	*51P847	
Express (6/87 - 8/97)	B						TS-1056 II	TS-1046 II	51P847	
Velsatis (10/01 -)	A	TS-Q131C (1)					TS-1356 II*	TS-1346 II*	*51P847	
	G	TS-Q131C (1)								
ROVER										
100 (Metro)-series 3-door (6/90 - 12/98)	E						TS-1056 II	TS-1046 II		
100 (Metro)-series 5-door (6/90 - 12/98)	E						TS-1056 II	TS-1046 II		
214/216 5-door (1/90 - 9/95)	A		TS-H1703 (1)		TS-1785 (1)		TS-1756 II	TS-1746 II		
	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
214/216 series (10/95 -)	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
216 Gti 3-door (7/90 - 9/95)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		
	E		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
414/416-series (4/90 - 1/96)	A		TS-H1703		TS-1785		TS-1756 II	TS-1746 II		
SAAB										
900 (9/93 - 8/97)	B						TS-876			
9000 CS (10/84 - 9/97)	B						TS-1056 II	TS-1046 II		
9-3 (3/03 -)	B						TS-876			
	A				TS-1785 (5)		TS-1756 II (5)	TS-1746 II (5)		
9-5 (2/99 - 8/05)	B						TS-876			
	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1303 (3/10)			TS-1376 II (3/10)	TS-1356 II (3/10)	TS-1346 II (3/10)		

		SPEAKER TYPE							ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
SEAT										
Arosa (10/97 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	B						TS-1056 II	TS-1046 II		
Cordoba (10/93 - 10/99)	A		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	B						TS-1056 II	TS-1046 II	51P847	
	C						TS-4628			
Ibiza (4/93 - 5/99)	A		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	B						TS-1056 II	TS-1046 II	51P847	
	E			TS-H467			TS-4628		51P847	
Ibiza 3-door (1/02 -)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Ibiza 5-door (1/02 -)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Leon (9/99 - 8/05)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Leon (9/05 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Altea (3/04 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
Altea XL (10/06 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Toledo (5/91 - 9/98)	B						TS-876			
	E			TS-H467			TS-4628			
Toledo (10/98 - 9/04)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Alhambra (9/95 -)	A				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	G				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
SKODA										
Fabia (9/99 - 4/07)	A				TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	E						TS-1056 II	TS-1046 II		
Fabia (5/07 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Felicia (10/94 - 6/02)	A					TS-1376 II	TS-1356 II	TS-1346 II		
	C		TS-H1703 (8)		TS-1785 (8)		TS-1756 II (8)	TS-1746 II (8)		
Octavia 5-door (9/96 - 9/04)	A				TS-1785 (4)		TS-1756 II (4)	TS-1746 II (4)		
	E						TS-1356 II	TS-1346 II		
Octavia Break (9/96 -)	A				TS-1785 (4)		TS-1756 II (4)	TS-1746 II (4)		
	E						TS-4628			
Octavia (10/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Roomster	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
SUBARU										
Vivio (3/92 - 12/00)	B						TS-1056 II	TS-1046 II		
SUZUKI										
Grand Vitara (1/06 -)	A		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		SUUNI004
	G		TS-H1703 (10)		TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		SUUNI004
Swift Cabrio (1/92 - 12/00)	B						TS-1056 II	TS-1046 II		
	J						TS-1056 II	TS-1046 II		
Swift 3-door (12/91 - 12/00)	B						TS-1056 II	TS-1046 II		
Swift 4/5-door (12/91 - 12/00)	B						TS-1056 II	TS-1046 II		
Swift (5/05 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P850
	D		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P850
SX4 (3/06 -)	A				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		SUUNI004
	G				TS-1785 (10)	TS-1776 II (10)	TS-1756 II (10)	TS-1746 II (10)		SUUNI004
Vitara 3-door (2/91 - 12/96)	B						TS-1056 II	TS-1046 II		
Jimni (12/98 -)	D						TS-1056 II	TS-1046 II		
TOYOTA										
Auris (10/06 -)	A				TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
Aygo (3/05 -)	B						TS-1056 II (9)	TS-1046 II (9)		
Corolla 3/5-door (6/05 -)	A						TS-1756 II	TS-1746 II		43P835
	F						TS-1756 II	TS-1746 II		43P835
Yaris (1/99 - 8/05)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
	B						TS-1056 II	TS-1046 II		
Yaris (9/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
RAV 4 (1/06 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P835
VOLGA										
3110	B		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
VOLVO										
S40 (9/95 - 1/04)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	B						TS-1056 II	TS-1046 II		
	C		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
V40 (9/95 - 1/04)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	B						TS-1056 II	TS-1046 II		
	H		TS-H1303				TS-1356 II	TS-1346 II		
S40 (2/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW

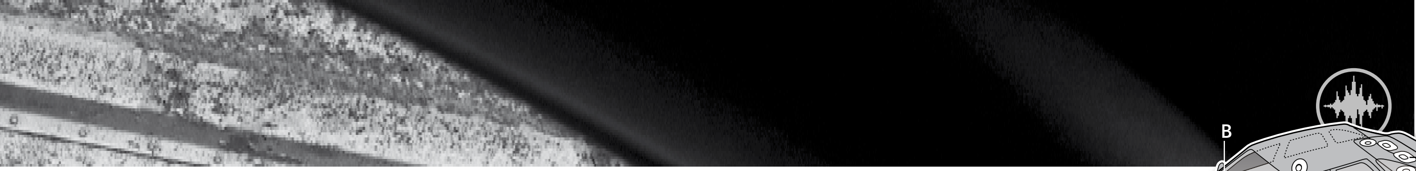
MODEL & INTRODUCTION DATE	LOCATION	SPEAKER TYPE							ADAPTERS	
		Q-LEVEL SEPARATE COMPONENT	HIGH-GRADE SEPARATE COMPONENT	HIGH-GRADE CO-AXIAL	SEPARATE COMPONENT	COAXIAL 3-WAY	COAXIAL 2-WAY	DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
VOLVO										
V50 (2/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
850/Wagon (10/91 - 12/96)	A		TS-H1303			TS-1376 II	TS-1356 II	TS-1346 II		
	B						TS-876			
940/960 (10/90 - 12/96)	A						TS-1356 II	TS-1346 II		
	G						TS-1356 II	TS-1346 II		
VW										
Beetle (10/98 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	F		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Bora (10/98 - 8/06)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Caddy (1/04 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Corrado (10/88 - 12/95)	B						TS-1056 II	TS-1046 II	51P847	
	E						TS-4628		51P847	
Fox 3-door (3/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
	F		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P287
Golf II 3/5-door (8/83 - 10/91)	B						TS-876			
	E			TS-H467			TS-4628			
Golf Variant CL (9/93 - 9/99)	A		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	B						TS-1056 II	TS-1046 II	51P847	
	G		TS-H1703		TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Golf III 3-door (11/91 - 9/97)	A		TS-H1703 (6)		TS-1785 (6)	TS-1776 II (6)	TS-1756 II (6)	TS-1746 II (6)		
	B						TS-1056 II	TS-1046 II		
Golf III 5-door (11/91 - 9/97)	A		TS-H1703 (6)		TS-1785 (6)	TS-1776 II (6)	TS-1756 II (6)	TS-1746 II (6)		
	B						TS-1056 II	TS-1046 II		
	G		TS-H1703 (5)		TS-1785 (5)	TS-1776 II (5)	TS-1756 II (5)	TS-1746 II (5)		
Golf IV 3-door (10/97 - 9/03)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Golf V 5-door (10/03 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Golf Plus (2/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Jetta (9/05 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Lupo (10/98 -)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		UD-M177VW
Passat (9/96 - 2/05)	A		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	G		TS-H1703 (1)		TS-1785 (1)	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Passat 4-door (4/88 - 8/93)	B						TS-1056 II	TS-1046 II		
Passat Variant (4/88 - 8/93)	B						TS-1056 II	TS-1046 II		
	E						TS-4628			
Passat CL (9/93 - 8/96)	B						TS-1056 II	TS-1046 II	51P847	
Passat Variant CL (9/93 - 8/96)	B						TS-1056 II	TS-1046 II	51P847	
Polo 3-door + Coupé (10/90 - 9/94)	E			TS-H467			TS-4628			
Polo 3/5-door (10/94 - 9/99)	A		TS-H1703* (6)		TS-1785 (6)	TS-1776 II (6)	TS-1756 II (6)	TS-1746 II (6)		*SUUNI004
	B						TS-1056 II	TS-1046 II		
Polo Classic (1/96 - 9/99)	A		TS-H1703* (6)		TS-1785 (6)	TS-1776 II (6)	TS-1756 II (6)	TS-1746 II (6)		*SUUNI004
	B						TS-1056 II	TS-1046 II		
	C			TS-H467			TS-4628			
Polo 3/5-door (10/99 - 8/01)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		SUUNI004
Polo 3-door (9/01 - 2/05)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Polo 5-door (9/01 -)	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P766
Sharan (9/95 -)	A				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
	G				TS-1785*	TS-1776 II	TS-1756 II	TS-1746 II	*51P847	
Touran (3/03 -)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		43P841
Vento (1/92 - 9/98)	A		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		
	B						TS-1056 II	TS-1046 II		
	G		TS-H1703		TS-1785	TS-1776 II	TS-1756 II	TS-1746 II		

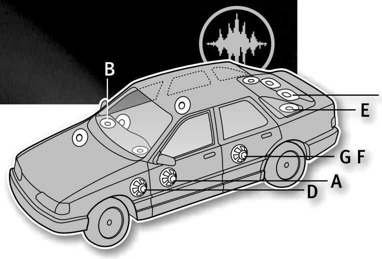
Location: A: Front Door B: Dual Dash C: Rear Deck D: Kick Panel E: Rear Side Shelf F: Rear Seat Side G: Rear Door H: Rear Pillar I: Hatch Door J: Rear Panel K: Rear Ceiling

(1) Tweeter fits original location. (2) Need to make 2 screw holes on the original speaker location. (3) Original 13 cm speaker adapter required. (4) Original 17 cm adapter required. (5) Original 17 cm speaker location required. (6) Front door pocket with 17 cm speaker location required. (7) Drill holes to fix the speaker. (8) In case original speaker places are provided. (9) Modify speaker frame. (10) Steel cut or some modification. (11) In case of electrified rear view mirrors from 2003 models.

All mounting proposals and measurements included in this guide have been checked. However, due to continual modification of certain car models, we cannot guarantee the complete accuracy of all statements, technical information and recommendations. For that reason, a thorough inspection of the mounting area should be made before proceeding with installation.

Remark: professional installation is required for PRS SEPARATE COMPONENT speakers due to possible location hindrances.



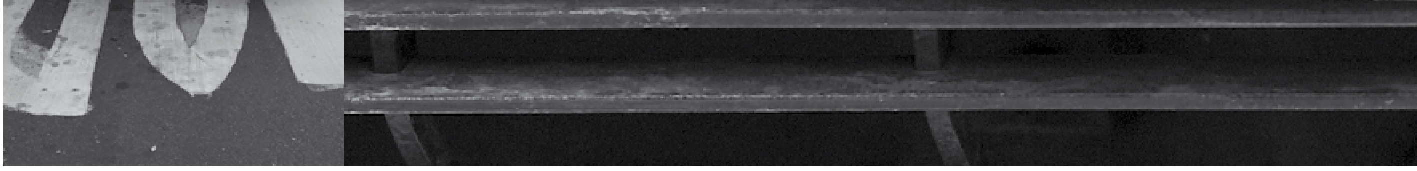


UNIVERSAL SPEAKER CHART

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
ALFA ROMEO														
145 (9/94 - 4/01)	A	TS-E170Ci*		TS-E1702i	TS-A170Ci* (1)		TS-A1703i*		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
	F	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
146 (9/95 - 4/01)	A	TS-E170Ci*		TS-E1702i	TS-A170Ci* (1)		TS-A1703i*		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
	G			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
155 (3/92 - 9/97)	C	TS-E170Ci			TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
156 (9/97 - 2/05)	A	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
	G	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
	C			TS-E6902i		TS-A6904i	TS-A6903i	TS-A6902i						
159 (3/05 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599 (10)
	G	TS-E170Ci			TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599 (10)
164 Super (3/92 - 9/98)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
	C			TS-E6902i		TS-A6904i	TS-A6903i	TS-A6902i						
166 (10/98 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	C	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
AUDI														
A3 3-door (7/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P852
A4 4-door (1/01 - 9/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
V8 (10/88 - 4/94)	B													
A6 (3/97 - 3/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
A6 (4/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci (4)	TS-E1702is (4)	TS-E1702i (4)	TS-A170Ci (4)		TS-A1703i (4)		TS-G171C (4)	TS-G1703i (4)	TS-G1702i (4)	TS-G1701i (4)		
TT (10/98 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
BMW														
3-series 2-door (10/85 - 1/92)	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
3 Touring (1/88 - 4/00)	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
	E			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
3-series 4-door (12/90 - 2/98)	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
3-series 4-door (3/98 - 3/05)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		43P811
	C				TS-A130Ci				TS-G131C			TS-G1301i		43P811
3-series Coupé (1/92 - 1/99)	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
3-series compact (5/94 - 10/00)	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
5-series (1/88 - 6/95)	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	D	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
5-series (7/95 - 6/03)	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	D	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
7-series (10/86 - 3/94)	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	D	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
MINI (10/00 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	F							TS-A6902i						
CITROËN														
AX exc. HIT 3-door (8/91 - 9/96)	F	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
AX exc. HIT 5-door (8/91 - 9/96)	A								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
AX HIT 3-door (8/91 - 9/96)	F	TS-E130Ci			TS-A130Ci				TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
AX HIT 5-door (8/91 - 9/96)	A								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
BX (8/86 - 2/93)	A	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
Saxo 3-door (10/96 - 9/01)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Saxo 5-door (10/96 - 9/01)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Xantia (3/92 - 12/ 00)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
XM 4-door (7/89 - 12/00)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
	E								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
XM Break (1/92 - 12/00)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
	E								TS-G131C			TS-G1301i		
ZX Reflex/Avantage (4/91 - 9/97)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
ZX Aura/Volcano (4/91 - 9/97)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
ZX 3-door (10/92 - 9/97)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	F	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
ZX Break (4/91 - 2/98)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Xsara 5-door (10/97 - 8/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Xsara Break (3/98 - 8/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Xsara Coupé (10/98 - 8/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
CITROËN														
C1 (03/05 -)	B									TS-G1003i (9)	TS-G1002i (9)	TS-G1001i (9)		
C2 (9/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	F								TS-G131C			TS-G1301i		
C3 (9/01 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
C3 Pluriel (9/02 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	F						TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
C4 (9/04 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (1/10)		TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
C4 Coupé (9/04 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (1/10)		TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
C4 Picasso (12/06 -)	A			TS-E1702i (10)			TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (1/10)		TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
C5 (1/01 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (1/10)		TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
C8 (10/02 -)	A			TS-E1702i* (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		*SUUNI004
Berlingo (10/02 -)	A			TS-E1702i (10)					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Berlingo (10/96 - 9/02)	B			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
Evasion (3/94 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
Picasso (12/99 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (1/10)		TS-A1703i (10)		TS-G171C (1/10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Jumper (6/02 - 5/06)	B									TS-G1003i	TS-G1002i	TS-G1001i		
Jumper (6/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
Jumpy (10/04 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
DACIA														
Logan (3/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	A								TS-G131C (9)	TS-G1303i (9)	TS-G1302i (9)	TS-G1301i (9)		
	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Logan MCV (12/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	A								TS-G131C (9)	TS-G1303i (9)	TS-G1302i (9)	TS-G1301i (9)		
	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
DAIHATSU														
Sirion (10/99 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
Materia (1/07 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835
	G		TS-E1702is	TS-E1702i						TS-G1703i*	TS-G1702i*	TS-G1701i*		*SUUNI004
DAEWOO / CHEVROLET														
Matiz (3/99 - 2/05)	A									TS-G1003i	TS-G1002i	TS-G1001i		
Matiz (3/05 -)	B									TS-G1003i	TS-G1002i	TS-G1001i		
Tacuma (1/00 -)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Lacetti (1/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	G	TS-E130Ci (3)		TS-E1302i (3)	TS-A130Ci (3)		TS-A1303i (3)		TS-G131C (3)	TS-G1303i (3)	TS-G1302i (3)	TS-G1301i (3)		
Aveo (9/07 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	C	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C*	TS-G1703i*	TS-G1702i*	TS-G1701i*		*UD-M177VW
Captiva (3/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Kalos 3-door (9/02 - 8/07)	A	TS-E170Ci					TS-A1703i		TS-G171C		TS-G1702i	TS-G1701i		UD-M177VW
Kalos 5-door (8/02 - 7/07)	A	TS-E170Ci					TS-A1703i		TS-G171C		TS-G1702i	TS-G1701i		UD-M177VW
Epica 3-door (3/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
FIAT														
Coupé (12/93 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Croma (3/05 -)	B	TS-E170Ci (7/10)	TS-E1702is (7/10)	TS-E1702i (7/10)	TS-A170Ci (7/10)		TS-A1703i (7/10)		TS-G171C (7/10)	TS-G1703i (7/10)	TS-G1702i (7/10)	TS-G1701i (7/10)		43P845
	G	TS-E170Ci (7/10)	TS-E1702is (7/10)	TS-E1702i (7/10)	TS-A170Ci (7/10)		TS-A1703i (7/10)		TS-G171C (7/10)	TS-G1703i (7/10)	TS-G1702i (7/10)	TS-G1701i (7/10)		43P845
Punto (9/93 - 8/99)	E			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
Punto (9/99 -)	A			TS-E1702i (2)					TS-G171C (2)	TS-G1703i (2)	TS-G1702i (2)	TS-G1701i (2)		
Grand Punto (9/05 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
	G				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		43P852
Panda (9/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P839
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
Tempra (2/90 - 9/96)	B											TS-G1001i		
Tempra Break (3/92 - 9/96)	B											TS-G1001i		
Tipo (2/88 - 8/95)	E			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
500 (4/92 - 9/98)	B											TS-G1001i		
Seicento / 600 (7/97 -)	B											TS-G1001i		
Ulysse (3/94 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
Ulysse (10/02 -)	A			TS-E1702i* (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		*SUUNI004
Multipla (3/98 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Ducato (6/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
Sedici (3/06 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
	G			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
Stilo (09/01 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P828
FORD														
Focus 4/5-door (11/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P845
Focus Coupé/Cabriolet (3/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P845

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
FORD														
Focus Coupé/Cabriolet (3/06 -)	F	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P845
C-Max (3/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1002i	TS-G1701i		43P845
	G			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P846
Mondeo (3/93 - 11/00)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M172
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M172
Mondeo (9/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P846
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P846
S-Max (3/06 -)	A				TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
	G									TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
Galaxy (9/95 - 2/06)	A			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
	G			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
Galaxy (3/06 -)	A				TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
	G									TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
HONDA														
Civic 5-door (11/95 - 1/01)	E										TS-G1002i	TS-G1001i		
Civic 5-door (2/01 - 8/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
Civic 5-door (9/05 -)	A								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
	G								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
Jazz 5-door (1/02 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P599
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P599
HYUNDAI														
Accent (3/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
Atos (6/98 -)	B			TS-E1002i							TS-G1002i	TS-G1001i		
i30 (10/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
Matrix (1/01 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Santa Fe (7/01 - 5/06)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
Sonata (9/93 - 9/05)	B										TS-G1002i	TS-G1001i		
Sonata (10/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
Tucson (1/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
Trajet (6/00 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
	F	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P840
Lantra 4/5-door (3/98 -)	A								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Getz (10/02 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
S-coupé (1/90 - 12/96)	C									TS-G1003i	TS-G1002i	TS-G1001i		
JAGUAR														
X-type (3/01 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
X-type Estate (9/03 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
VAZ/LADA														
Samara 3-door (1/86 - 12/99)	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Samara 5-door (1/88 - 12/99)	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Diva/Sagona (8/91 - 12/99)	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2104	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2108	B	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2109	B	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
21099	B	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2110	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2111	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2112	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2115	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
21213	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
2131	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
KIA														
Carens (5/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Carnival (3/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Cee'd (10/06 -)	A								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		UD-M177VW
	G								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		UD-M177VW
Cerato 5-door (3/04 -)	A								TS-G171C (7)	TS-G1703i (7)	TS-G1702i (7)	TS-G1701i (7)		43P827
Magentis (9/05 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G									TS-G1703i	TS-G1702i	TS-G1701i		
Picanto (3/04 -)	A	TS-E130Ci (3)		TS-E1302i (3)	TS-A130Ci (3)		TS-A1303i (3)		TS-G131C (3)	TS-G1303i (3)	TS-G1302i (3)	TS-G1301i (3)		
	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P827
	G	TS-E130Ci (3)		TS-E1302i (3)	TS-A130Ci (3)		TS-A1303i (3)		TS-G131C (3)	TS-G1303i (3)	TS-G1302i (3)	TS-G1301i (3)		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P827
Rio (3/05 -)	B	TS-E170Ci (7)	TS-E1702is (7)	TS-E1702i (7)	TS-A170Ci (7)		TS-A1703i (7)		TS-G171C (7)	TS-G1703i (7)	TS-G1702i (7)	TS-G1701i (7)		43P827
	G	TS-E170Ci (7)	TS-E1702is (7)	TS-E1702i (7)	TS-A170Ci (7)		TS-A1703i (7)		TS-G171C (7)	TS-G1703i (7)	TS-G1702i (7)	TS-G1701i (7)		43P827
Sorento (1/07 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
Sportage (10/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		



MODEL & INTRODUCTION DATE	LOCATION	SPEAKER TYPE TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	ADAPTERS SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
KIA														
Sportage (10/06 -)	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
LANCIA														
Dedra (6/89 - 4/99)	B											TS-G1001i		
Delta (7/93 - 6/00)	C								TS-G171C			TS-G1701i		
Y (1/96 - 2/03)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Ypsilon (3/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	F	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
Thema (10/88 - 9/94)	B													
Z (3/94 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci *		TS-A1703i *		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
Phedra (10/02 -)	A			TS-E1702i* (10)					TS-G171C (10)	TS-G1703i(10)	TS-G1702i (10)	TS-G1701i (10)		*SUUNI004
MAZDA														
2 (4/04 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
6 4/5-door (3/02 -)	A	TS-E170Ci (7)	TS-E1702is (7)	TS-E1702i (7)	TS-A170Ci (7)		TS-A1703i (7)		TS-G171C (7)	TS-G1703i (7)	TS-G1702i (7)	TS-G1701i (7)		SUUNI004
MX 5 (6/02 - 8/05)	A		TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
MERCEDES														
A-Class (9/04 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P853
	G									TS-G1003i	TS-G1002i	TS-G1001i		43P854
B-Class (3/05 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P853
	G									TS-G1003i	TS-G1002i	TS-G1001i		43P854
Vito (3/96 -)	B										TS-G1002i	TS-G1001i		
V-series (3/96 -)	B										TS-G1002i	TS-G1001i		
MITSUBISHI														
Spacestar (1/98 - 12/05)	G								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Colt (3/04 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
Lancer (6/07 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		UD-M177VW
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		UD-M177VW
Grandis (10/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Outlander (10/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
I200 (12/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
MOSKVICH														
2141	B	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
NISSAN														
100NX (2/91 - 12/96)	C			TS-E1002i (10)							TS-G1002i (10)	TS-G1001i (10)		
Micra 3-door (11/92 - 2/98)	A										TS-G1702i (10)	TS-G1701i (10)		
Micra 5-door (10/02 -)	A	TS-E170Ci*	TS-E1702is*	TS-E1702i*	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*43P599
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Note (9/05 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
	G								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P287
Primera exc. L 4-door (9/90 - 8/01)	C	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
OPEL/VAUXHALL														
Agila (2/01 -)	B									TS-G1003i	TS-G1002i	TS-G1001i		
	K									TS-G1003i	TS-G1002i	TS-G1001i		
Antara (10/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
Astra 3/5-door (9/91 - 9/97)	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Astra 4-door (6/92 - 9/97)	C	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Astra 3-door (10/97 - 12/03)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	43P599
	F	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Astra 3-door (1/04 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)	51P847	43P599
Corsa (10/00 - 9/06)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
Corsa 3-door (10/06 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
Corsa 5-door (10/06 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
	G	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)		43P852
Meriva 5-door (10/02 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	43P599
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	43P599
Omega (4/94 - 5/03)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	43P599
Tigra (11/95 - 6/04)	A								TS-G171C			TS-G1701i	51P847	
Tigra (6/04 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		43P599
Vectra (9/95 - 2/02)	A								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)	51P847	43P599
Vectra (3/02 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)	51P847	43P599
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	43P599
Zafira (3/99 - 7/05)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P599
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		UD-M131
Zafira (8/05 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)	51P847	43P599
PEUGEOT														
106 XR/XN 3-door (9/91 -)	A				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
106 XT/XSI 3-door (9/91 -)	A				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	F									TS-G1003i	TS-G1002i	TS-G1001i		
106 5-door (9/92 -)	A				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
PEUGEOT														
107 (03/05 -)	B									TS-G1003i (9)	TS-G1002i (9)	TS-G1001i (9)		
1007 (10/04 -)	B			TS-E1702i (10)					TS-G171C	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
205 3/5-door (9/83 - 7/98)	A				TS-A130Ci				TS-G131C			TS-G1301i		
	H								TS-G131C			TS-G1301i		
206 Series (8/98 - 2/06)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
207 Series (3/06 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
306 XN/XS/XT (8/93 - 2/01)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
307 series (03/01 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-E170Ci (1/10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G	TS-E130Ci			TS-A130Ci				TS-G131C			TS-G1301i		
405 (6/92 - 5/95)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		SUUNI004
406 (6/95 - 2/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
406 Coupé (6/96 - 8/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
407 (3/04 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
	G			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
407 Coupé (9/05 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
605 (9/89 - 9/99)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C*	TS-G1703i*	TS-G1702i*	TS-G1701i*		
	G	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		SUUNI004
607 (10/00 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
806 (3/94 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i		
	F	TS-E170Ci*	TS-E1702is*	TS-E1702i	TS-A170Ci *		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
807 (10/02 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		*SUUNI004
Boxer (6/02 - 5/06)	B									TS-G1003i	TS-G1002i	TS-G1001i		
Boxer (6/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
Expert (10/04 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
Partner (10/97 - 9/02)	B			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
Partner (10/02 -)	A			TS-E1702i (10)					TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		
RENAULT														
19 RL/RN (4/92 - 8/95)	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
19 exc. RL/RN (4/92 - 8/95)	A				TS-A170Ci				TS-G171C			TS-G1701i	51P847	
	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
19 Chamade exc. RL/LN (4/92 - 8/95)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
19 Cabrio (4/92 - 4/97)	A			TS-E1702i	TS-A170Ci				TS-G171C			TS-G1701i	51P847	
	F											TS-G1001i	51P847	
Twingo I (10/98 - 8/00)	B			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i	51P847	
Twingo I (9/00 - 7/07)	A								TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
Twingo II (8/07 -)	F	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)		43P852
Clio (5/90 - 2/98)	B											TS-G1001i		
	E			TS-E1002i							TS-G1002i	TS-G1001i		
Clio II 3-door (3/98 - 8/05)	A	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
	F	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
Clio II exc. RXE 5-door (3/98 - 8/05)	A	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
Clio II RXE 5-door (3/98 - 8/05)	A	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
	G	TS-E130Ci (10)		TS-E1302i (10)	TS-A130Ci (10)		TS-A1303i (10)		TS-G131C (10)	TS-G1303i (10)	TS-G1302i (10)	TS-G1301i (10)	51P847	
Clio III (9/05 -)	A								TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
	G	TS-E130Ci (9/10)		TS-E1302i (9/10)	TS-A130Ci (9/10)		TS-A1303i (9/10)		TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Mégane 3/5-door (10/02 -)	A				TS-A130Ci (9/10)		TS-A1303i (9/10)		TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Mégane 4-door (3/03 -)	A				TS-A130Ci (9/10)		TS-A1303i (9/10)		TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Mégane RL/RN 5-door (9/95 - 9/02)	A	TS-E130Ci		TS-E1302i	TS-A130Ci (1)		TS-A1303i		TS-G131C (1)	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
Mégane RT 5-door (9/95 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	E	TS-E130Ci		TS-E1302i	TS-A130Ci (1)		TS-A1303i		TS-G131C (1)	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
Mégane Classic (9/95 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	C	TS-E130Ci (3)		TS-E1302i (3)	TS-A130Ci (3)		TS-A1303i (3)		TS-G131C (3)	TS-G1303i (3)	TS-G1302i (3)	TS-G1301i (3)	51P847	
Mégane Coupé (9/95 - 9/02)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
Mégane Scénic (10/96 - 6/03)	A	TS-E130Ci		TS-E1302i	TS-A130Ci (1)		TS-A1303i		TS-G131C (1)	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
Mégane Scénic (7/03 -)	A								TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Mégane Grand Scénic (1/04 -)	A								TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
	G								TS-G131C (9/10)	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Mégane Break (6/99 - 6/03)	A	TS-E130Ci		TS-E1302i	TS-A130Ci (1)		TS-A1303i		TS-G131C (1)	TS-G1303i	TS-G1302i	TS-G1301i	51P847	
	K									TS-G1003i	TS-G1002i	TS-G1001i		
Laguna (1/94 - 9/99)	A			TS-E1702i	TS-A170Ci				TS-G171C			TS-G1701i	51P847	
	E	TS-E170Ci (4)	TS-E1702is (4)	TS-E1702i (4)	TS-A170Ci (4)		TS-A1703i (4)		TS-G171C (4)	TS-G1703i (4)	TS-G1702i (4)	TS-G1701i (4)	51P847	
Laguna Break (9/95 - 9/99)	A			TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	K			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i		
Laguna series (10/99 -)	A	TS-E130Ci (9)		TS-E1302i (9)	TS-A130Ci (9)		TS-A1303i (9)		TS-G131C (9)	TS-G1303i (9)	TS-G1302i (9)	TS-G1301i (9)	51P847	
	G	TS-E130Ci (9)		TS-E1302i (9)	TS-A130Ci (9)		TS-A1303i (9)		TS-G131C (9)	TS-G1303i (9)	TS-G1302i (9)	TS-G1301i (9)	51P847	
Safrane (3/92 - 10/01)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Kangoo (9/97 -)	B			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i	51P847	
	E			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i	51P847	
Kangoo Express (9/97 -)	B			TS-E1002i						TS-G1003i	TS-G1002i	TS-G1001i	51P847	

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
RENAULT														
Espace (5/91 - 1/97)	B	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	H	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci (1)		TS-A1703i		TS-G171C (1)	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Espace (11/02 -)	A								TS-G131C	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
	G								TS-G131C	TS-G1303i (9/10)	TS-G1302i (9/10)	TS-G1301i (9/10)	51P847	
Express (6/87 - 8/97)	B									TS-G1003i	TS-G1002i	TS-G1001i	51P847	
Velsatis (10/01 -)	A								TS-G131C			TS-G1301i	51P847	
ROVER														
214/216 5-door (1/90 - 9/95)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
214/216 series (10/95 -)	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
216 Gti 3-door (7/90 - 9/95)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
	E	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
414/416-series (4/90 - 1/96)	A	TS-E170Ci			TS-A170Ci				TS-G171C			TS-G1701i		
SAAB														
9-3 (3/03 -)	A				TS-A170Ci (5)				TS-G171C (5)		TS-G1702i	TS-G1701i		
	C			TS-E6902i		TS-A6904i	TS-A6903i							
9-5 (2/99 - 8/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E130Ci (3/10)		TS-E1302i (3/10)	TS-A130Ci (3/10)		TS-A1303i (3/10)		TS-G131C (3/10)	TS-G1303i (3/10)	TS-G1302i (3/10)	TS-G1301i (3/10)		
	C			TS-E6902i		TS-A6904i	TS-A6903i							
SEAT														
Arosa (10/97 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Cordoba (10/93 - 10/99)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Ibiza (4/93 - 5/99)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Ibiza 3-door (1/02 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Ibiza 5-door (1/02 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Leon (9/99 - 8/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Leon (9/05 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Altea (3/04 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	G			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
Altea XL (10/06 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Toledo (10/98 - 9/04)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Alhambra (9/95 -)	A			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
	G			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
SKODA														
Fabia (9/99 - 4/07)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	E									TS-G1003i	TS-G1002i	TS-G1001i		
Fabia (5/07 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Felicia (10/94 - 6/02)	A								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	C	TS-E170Ci (8)	TS-E1702is (8)	TS-E1702i (8)	TS-A170Ci (8)		TS-A1703i (8)		TS-G171C (8)	TS-G1703i (8)	TS-G1702i (8)	TS-G1701i (8)		
Octavia 5-door (9/96 - 9/04)	A								TS-G171C (4)	TS-G1703i (4)	TS-G1702i (4)	TS-G1701i (4)		
	E								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
Octavia Break (9/96 -)	A								TS-G171C (4)	TS-G1703i (4)	TS-G1702i (4)	TS-G1701i (4)		
Octavia (10/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
Roomster	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
SUBARU														
Vivio (3/92 - 12/00)	B										TS-G1002i	TS-G1001i		
SUZUKI														
Grand Vitara (1/06 -)	A	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		SUUNI004
	G	TS-E170Ci (10)	TS-E1702is (10)	TS-E1702i (10)	TS-A170Ci (10)		TS-A1703i (10)		TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		SUUNI004
Swift Cabrio (1/92 - 12/00)	B										TS-G1002i	TS-G1001i		
	J										TS-G1002i	TS-G1001i		
Swift 3-door (12/91 - 12/00)	B										TS-G1002i	TS-G1001i		
Swift 4/5-door (12/91 - 12/00)	B										TS-G1002i	TS-G1001i		
Swift (5/05 -)	A			TS-E1702i					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P850
	D	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P850
SX4 (3/06 -)	A								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		SUUNI004
	G								TS-G171C (10)	TS-G1703i (10)	TS-G1702i (10)	TS-G1701i (10)		SUUNI004
Vitara 3-door (2/91 - 12/96)	B									TS-G1003i	TS-G1002i	TS-G1001i		
Jimni (12/98 -)	D										TS-G1002i	TS-G1001i		
TOYOTA														
Auris (10/06 -)	A								TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835
Aygo (3/05 -)	B									TS-G1703i (9)	TS-G1702i (9)	TS-G1701i (9)		
Corolla 3/5-door (6/05 -)	A	TS-E170Ci			TS-A170Ci		TS-A1703i		TS-G171C			TS-G1701i		43P835
	F								TS-G171C			TS-G1701i		43P835
Yaris (1/99 - 8/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		SUUNI004
	B											TS-G1001i		
Yaris (9/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835
RAV 4 (1/06 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835

		SPEAKER TYPE											ADAPTERS	
MODEL & INTRODUCTION DATE	LOCATION	TS-E SEPARATE COMPONENT	SUPERIOR TS-E 2-WAY	TS-E 2-WAY	TS-A SEPARATE COMPONENT	TS-A 4-WAY	TS-A 3-WAY	TS-A 2-WAY	TS-G SEPARATE COMPONENT	TS-G 3-WAY	TS-G 2-WAY	TS-G DUAL-CONE	SPEAKER INTERFACE KITS	SPEAKER ADAPTER PLATES
TOYOTA														
RAV 4 (1/06 -)	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P835
VOLGA														
3110	B	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
VOLVO														
S40 (9/95 - 1/04)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	B											TS-G1001i		
	C	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
V40 (9/95 - 1/04)	A	TS-E130Ci		TS-E1302i	TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	B											TS-G1001i		
	H								TS-G131C			TS-G1301i		
S40 (2/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
V50 (2/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
850/Wagon (10/91 - 12/96)	A				TS-A130Ci		TS-A1303i		TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
940/960 (10/90 - 12/96)	A								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
	G								TS-G131C	TS-G1303i	TS-G1302i	TS-G1301i		
VW														
Beetle (10/98 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	F	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Bora (10/98 - 8/06)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Caddy (1/04 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
Fox 3-door (3/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
	F	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P287
Golf Variant CL (9/93 - 9/99)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	
Golf III 3-door (11/91 - 9/97)	A	TS-E170Ci (6)	TS-E1702is (6)	TS-E1702i (6)	TS-A170Ci (6)		TS-A1703i (6)		TS-G171C (6)	TS-G1703i (6)	TS-G1702i (6)	TS-G1701i (6)		
Golf III 5-door (11/91 - 9/97)	A	TS-E170Ci (6)	TS-E1702is (6)	TS-E1702i (6)	TS-A170Ci (6)		TS-A1703i (6)		TS-G171C (6)	TS-G1703i (6)	TS-G1702i (6)	TS-G1701i (6)		
	G	TS-E170Ci (5)	TS-E1702is (5)	TS-E1702i (5)	TS-A170Ci (5)		TS-A1703i (5)		TS-G171C (5)	TS-G1703i (5)	TS-G1702i (5)	TS-G1701i (5))		
Golf IV 3-door (10/97 - 9/03)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Golf V 5-door (10/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
Golf Plus (2/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Jetta (9/05 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
Lupo (10/98 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		UD-M177VW
Passat (9/96 - 2/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Polo 3/5-door (10/94 - 9/99)	A			TS-E1702i*	TS-A170Ci*		TS-A1703i*		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
Polo Classic (1/96 - 9/99)	A			TS-E1702i*	TS-A170Ci*		TS-A1703i* (6)		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		*SUUNI004
Polo 3/5-door (10/99 - 8/01)	A	TS-E170Ci (6)	TS-E1702is (6)	TS-E1702i (6)	TS-A170Ci (6)		TS-A1703i (6)		TS-G171C (6)	TS-G1703i (6)	TS-G1702i (6)	TS-G1701i (6)		SUUNI004
Polo 3-door (9/01 - 2/05)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Polo 5-door (9/01 -)	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P766
Sharan (9/95 -)	A			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
	G			TS-E1702i*					TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i	51P847	*SUUNI004
Touran (3/03 -)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		43P841
Vento (1/92 - 9/98)	A	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		
	G	TS-E170Ci	TS-E1702is	TS-E1702i	TS-A170Ci		TS-A1703i		TS-G171C	TS-G1703i	TS-G1702i	TS-G1701i		

Location: A: Front Door B: Dual Dash C: Rear Deck D: Kick Panel E: Rear Side Shelf F: Rear Seat Side G: Rear Door H: Rear Pillar I: Hatch Door J: Rear Panel K: Rear Ceiling

(1) Tweeter fits original location. (2) Need to make 2 screw holes on the original speaker location. (3) Original 13 cm speaker adapter required. (4) Original 17 cm adapter required. (5) Original 17 cm speaker location required. (6) Front door pocket with 17 cm speaker location required. (7) Drill holes to fix the speaker. (8) In case original speaker places are provided. (9) Modify speaker frame. (10) Steel cut or some modification. (11) In case of electrified rear view mirrors from 2003 models.

All mounting proposals and measurements included in this guide have been checked. However, due to continual modification of certain car models, we cannot guarantee the complete accuracy of all statements, technical information and recommendations. For that reason, a thorough inspection of the mounting area should be made before proceeding with installation.

Remark: professional installation is required for PRS SEPARATE COMPONENT speakers due to possible location hindrances.

AVIC-F900BT

NAVIGATION DVD AV HEADUNIT

BUILT-IN NAVIGATION UNIT

- 600 MHz CPU
- European map data stored in the 2 GB NAND Flash memory
- Advanced and super-fast (Re-)routing
- Voice guidance and display menus (20 languages supported: English, German, French, Dutch, Flemish*, Spanish, Italian, Danish, Swedish, Finnish, Norwegian, Portuguese, Turkish, Russian, Croatian, Hungarian, Polish, Czech, Romanian and Greek)
- Text-To-Speech (TTS) voice guidance, which audibly announces city names (13 languages: English, German, French, Dutch, Flemish, Spanish, Italian, Danish, Swedish, Norwegian, Portuguese, Russian and Polish)
- Built-in GPS receiver
- Built-in RDS-TMC tuner for real-time traffic information
- Splash screen customisation via SD/USB

**Flemish is only available for voice guidance*

DISPLAY

- 5.8-inch WVGA display with LED backlight
- Touch panel operation
- Backlight adjustment
- Selectable wide-screen mode (Full/Zoom/Normal)

SD/USB CAPABILITIES

- Customisable POI data (via downloadable NavGate Feeds PC application)
- Compatible with MP3/WMA/WAV/AAC/H.264*/MPEG4/WMV*/JPEG files

**Only available with limited bitrate and resolution*

DVD CAPABILITIES

- DivX/MP3/WMA/AAC/DVD-Video on DVD-R/DVD-RW[1]
- DVD-Video playback with Direct Search (Title/Chapter/Time), Next /Previous Chapter, Fast Forward/Reverse, Pause, Chapter Repeat, Condition Memory (30 discs)
- Resume play
- Direct touch panel operation of the DVD-menu
- Built-in linear PCM/Dolby Digital decoder
- Region code: 2

CD CAPABILITIES

- DivX/MP3/WMA/AAC on CD-R/CD-RW[2]
- CD playback with Track Search/Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track/Manual Search
- MP3 ID3 version 2 tag data display
- Autoplay/Bookmark Play

TUNER

- Adaptive RDS (PL, PS, AF, TP/TA)
- PTY (search and alarm)
- Station Name List (PS)
- NEWS interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- 1 RCA AV Input (Rear) + 1 AV Input (Front Mini-jack)
- 1 Video Output (Rear)
- 1 Video Input for back-up camera
- iPod connector (CD-IU230V required)

AUDIO

- MOSFET 50 W x 4 amplifier
- Optimum sound reproduction for in-car entertainment: Built-in EEQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, Source Equalisation memory, 3-mode loudness and HPF/LPF network
- Direct sub drive
- Fader
- 3-channel RCA pre-outs (Front + Rear + Subwoofer)
- SLA (Source Level Adjuster)

PARROT BLUETOOTH®

- Parrot Bluetooth® hands-free functionality
- Automatic phonebook synchronisation (or manual, depending on the phone)
- History list memory
- Preset dial
- Echo cancelling
- Automatic answering mode
- Automatic connection
- Battery level indicator (phone dependent)
- Network level indicator (phone dependent)
- Microphone included

GENERAL

- SD Memory Card slot
- Rear USB-in
- OEM remote control ready
- ISO connector
- Rotary volume
- Cellular telephone auto-muting
- iPod Direct Control (via optional CD-IU230V)
- Multi-colour button customisation (RGB colours)

NAVIGATION SOFTWARE CONTENT

- Application programme and map data stored in the 2 GB NAND Flash memory
- Coverage Area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Greece, Portugal, Denmark, Sweden, Finland, Norway, Ireland, Czech Republic, Slovakia, Hungary, Poland, Monaco, Liechtenstein, Andorra, San Marino, Vatican City, Gibraltar, Croatia, Slovenia, Estonia, Latvia, Lithuania, Turkey
- Additional connector roads available for Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Macedonia, Romania, Serbia, Montenegro and Ukraine
- 3D landmarks (more than 1000 in Europe)

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[1] *Even if a DVD-R(W) disc is recorded in Video format (Video Mode), it may not be playable as a result of scratches, dirt or characteristics specific to the disc, or dirt or condensation on the pickup lens. DVD-R(W) discs that haven't been finalised, cannot be played. In general, discs recorded in the current format using a PC (personal computer) are playable. However, certain settings and application software environments may not be able to play these discs. Please ask your application software sales agent for more details.*

[2] *Use finalised music CD-R(W) discs for playback. In some cases, CD-R(W) discs may not play back correctly, unless they have been recorded using a CD-R(W) unit for recording music. Furthermore, CD players may not play back music CD-R(W) discs recorded from a music CD-R(W) recorder as a result of scratches, dirt or characteristics specific to these discs, or dirt or condensation on the pickup lens. Text information such as titles recorded on CD-R(W) discs may not be displayed. Read directions carefully regarding disc use before handling CD-R(W) discs. Even if playback of a CD-R(W) disc is possible, it may take several seconds before actual sound reproduction begins.*

AVIC-F700BT

NAVIGATION CD AV HEADUNIT

BUILT-IN NAVIGATION UNIT

- 600 MHz CPU
- European map data stored in the 2 GB NAND Flash memory
- Advanced and super-fast (Re-)routing
- Voice guidance and display menus (20 languages supported: English, German, French, Dutch, Flemish*, Spanish, Italian, Danish, Swedish, Finnish, Norwegian, Portuguese, Turkish, Russian, Croatian, Hungarian, Polish, Czech, Romanian and Greek)
- Text-To-Speech (TTS) voice guidance, which audibly announces city names (13 languages: English, German, French, Dutch, Flemish, Spanish, Italian, Danish, Swedish, Norwegian, Portuguese, Russian and Polish)
- Built-in GPS receiver
- Built-in RDS-TMC tuner for real-time traffic information
- Splash screen customisation via SD/USB

**Flemish is only available for voice guidance*

DISPLAY

- 5.8-inch WVGA display with LED backlight
- Touch panel operation
- Backlight adjustment
- Selectable wide-screen mode (Full/Zoom/Normal)

SD/USB CAPABILITIES

- Customisable POI data (via downloadable NavGate Feeds PC application)
- Compatible with MP3/WMA/WAV/AAC/H.264*/MPEG4/WMV*/JPEG files

**Only available with limited bitrate and resolution*

CD CAPABILITIES

- MP3/WMA/AAC on CD-R/CD-RW[1]
- CD playback with Track Search/Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track/Manual Search
- MP3 ID3 version 2 tag data display
- Autoplay/Bookmark play

TUNER

- Adaptive RDS (PL, PS, AF, TP/TA)
- PTY (search and alarm)
- Station Name List (PS)
- NEWS interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- 1 RCA AV Input (Rear) + 1 AV Input (Front Mini-jack)
- ~~1 Video Output (rear)~~
- 1 Video Input for back-up camera
- iPod connector (CD-IU230V required)

AUDIO

- MOSFET 50 W x 4 amplifier
- Optimum sound reproduction for in-car entertainment: Built-in EEQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, Source Equalisation memory, 3-mode loudness and HPF/LPF network
- Direct sub drive
- Fader
- 1 RCA pre-out (Subwoofer)
- SLA (Source Level Adjuster)

PARROT BLUETOOTH®

- Parrot Bluetooth® hands-free functionality
- Automatic phonebook synchronisation (or manual, depending on the phone)
- History list memory
- Preset dial
- Echo cancelling
- Automatic answering mode
- Automatic connection
- Battery level indicator (phone dependent)
- Network level indicator (phone dependent)
- Microphone included

GENERAL

- SD Memory Card slot
- Rear USB-in
- OEM remote control ready
- ISO connector
- Rotary volume
- Cellular telephone auto-muting
- iPod Direct Control (via optional CD-IU230V)
- Multi-colour button customisation (RGB colours)

NAVIGATION SOFTWARE CONTENT

- Application programme and map data stored in the 2 GB NAND Flash memory
- Coverage Area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Greece, Portugal, Denmark, Sweden, Finland, Norway, Ireland, Czech Republic, Slovakia, Hungary, Poland, Monaco, Liechtenstein, Andorra, San Marino, Vatican City, Gibraltar, Croatia, Slovenia, Estonia, Latvia, Lithuania, Turkey
- Additional connector roads available for Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Macedonia, Romania, Serbia, Montenegro and Ukraine
- 3D landmarks (more than 1000 in Europe)

[1] *Use finalised music CD-R(W) discs for playback. In some cases, CD-R(W) discs may not play back correctly, unless they have been recorded using a CD-R(W) unit for recording music. Furthermore, CD players may not play back music CD-R(W) discs recorded from a music CD-R(W) recorder as a result of scratches, dirt or characteristics specific to these discs, or dirt or condensation on the pickup lens. Text information such as titles recorded on CD-R(W) discs may not be displayed. Read directions carefully regarding disc use before handling CD-R(W) discs. Even if playback of a CD-R(W) disc is possible, it may take several seconds before actual sound reproduction begins.*

AVIC-F500BT

NAVIGATION GATEWAY SYSTEM

ON-DASH NAVIGATION UNIT

- 600 MHz CPU
- European map data stored in the 2 GB NAND Flash memory
- Advanced and super-fast (Re-)routing
- Voice guidance and display menus (20 languages supported: English, German, French, Dutch, Flemish*, Spanish, Italian, Danish, Swedish, Finnish, Norwegian, Portuguese, Turkish, Russian, Croatian, Hungarian, Polish, Czech, Romanian and Greek)
- Text-To-Speech (TTS) voice guidance, which audibly announces city names (13 languages: English, German, French, Dutch, Flemish, Spanish, Italian, Danish, Swedish, Norwegian, Portuguese, Russian and Polish)
- Built-in GPS receiver
- RDS-TMC tuner for real-time traffic information on cradle
- Splash screen customisation via SD/USB

**Flemish is only available for voice guidance*

DISPLAY

- 5.8-inch WVGA on-dash display with LED backlight
- Touch panel operation
- Backlight adjustment
- Selectable wide-screen mode (Full/Zoom/Normal)

SD/USB CAPABILITIES

- Customisable POI data (via downloadable NavGate Feeds PC application)
- Compatible with MP3/WMA/WAV/AAC/H.264*/MPEG4/WMV*/JPEG files

**Only available with limited bitrate and resolution*

AUDIO/VISUAL

- 1 RCA AV Input (Mini-jack)
- 1 RCA AV Output (Mini-jack)
- 1 Video Input for back-up camera
- iPod connector (CD-IU200VM required)

AUDIO

- External Gateway amplifier unit (MOSFET 50 W x 4)

PARROT BLUETOOTH®

- Parrot Bluetooth® hands-free functionality
- Automatic phonebook synchronisation (or manual, depending on the phone)
- History list memory
- Preset dial
- Echo cancelling
- Automatic answering mode
- Automatic connection
- Battery level indicator (phone dependent)
- Network level indicator (phone dependent)
- Microphone included

GENERAL

- SD Memory Card slot
- Mini USB-in
- ISO connector
- Rotary volume
- Cellular telephone auto-muting
- iPod Direct Control (via optional CD-IU200VM)

NAVIGATION SOFTWARE CONTENT

- Application programme and map data stored in the 2 GB NAND Flash memory
- Coverage Area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Greece, Portugal, Denmark, Sweden, Finland, Norway, Ireland, Czech Republic, Slovakia, Hungary, Poland, Monaco, Liechtenstein, Andorra, San Marino, Vatican City, Gibraltar, Croatia, Slovenia, Estonia, Latvia, Lithuania, Turkey
- Additional connector roads available for Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Macedonia, Romania, Serbia, Montenegro and Ukraine
- 3D landmarks (more than 1000 in Europe)

AVIC-HD3II

HDD NAVIGATION AV HEADUNIT

BUILT-IN NAVIGATION UNIT

- 30 GB HDD
- Exclusive graphic accelerator for smooth line drawing
- Advanced and super-fast (Re-)routing
- Voice guidance and display menus (10 languages supported: English, German, French, Italian, Dutch/Flemish, Spanish, Danish, Swedish, Portuguese and Norwegian)
- Voice recognition included (6 languages supported: English, German, French, Italian, Dutch, Spanish)
- Selectable voice guidance channel (L, R, or L+R)
- 7 viewing modes: Map Mode, Mixed Mode, Street List Mode, Rear View Mode, Vehicle Dynamics, Twin View Mode 2D, and Twin View Mode 3D
- Built-in GPS receiver
- Built-in 3D positioning gyro sensor
- Built-in RDS-TMC tuner for real-time traffic information
- Splash screen customisation via CD-ROM

DISPLAY

- Fully-motorised high-quality 7-inch 16:9 TFT active matrix LCD colour display with Anti-Glare technology
- Display area: 7-inch (155 x 87 mm)/336,960 (1,440 x 234) pixels
- Touch panel operation
- Picture adjustment
- Adjustable viewing angle
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3 PLAYER

- DVD-Video, DVD-R/DVD-RW[1], CD/CD-R/CD-RW[2]/MP3 playback – even while navigating
- Built-in linear PCM/Dolby Digital decoder
- Region code: 2

DVD CAPABILITIES

- DVD-Video playback with Direct Search (Title/Chapter/Time), Next/Previous Chapter, Fast Forward/Reverse, Pause, Chapter Repeat, Condition Memory (30 discs)
- Resume play

CD CAPABILITIES

- CD playback with Track Search/Scan/Pause/Repeat, Random Play, CD Text, List Search
- CD upload to Music Library with 4 times speed copying while playing CD
- Auto-titling by Gracenote® Media database

TUNER

- Adaptive RDS (PL, PS, AF, TP/TA)
- PTY (search and alarm)
- Station Name List (PS)
- NEWS interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- 1 RCA AV Input
- 1 RCA AV Output (Rear)
- 1 Video Input for back-up camera
- Dual Zone operation
- IP-Bus control for adding TV Tuner/Multi-CD Player /AUX/EXT 1&2/CD-IB100 II iPod adapter
- AV-Bus control for (PAL) TV Tuner

AUDIO

- MOSFET 50 W x 4 amplifier
- Optimum sound reproduction for in-car entertainment: Built-in EEQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, source equalisation memory, 3-mode loudness and HPF/LPF network
- 4-mode sound staging
- Direct sub drive
- SLA (Source Level Adjuster)
- Fader
- 3-channel RCA pre-outs (Front + Rear + Subwoofer)

GENERAL

- Multi-CD control
- Source TV control (for PAL/SECAM tuner – GEX-P5700TVP)
- Source DVD control
- External unit control via IP-Bus
- Rear Aux-in
- OEM remote control ready
- OEM Display Output
- BGV selectable
- Selectable background pictures
- ISO connector
- Cellular telephone auto-muting
- Bluetooth® adapter ready (via optional ND-BT1)
- iPod adapter ready (via optional CD-IB100 II)

NAVIGATION MAP CONTENT

- Application programme and map data pre-installed on HDD
- Coverage Area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Greece, Portugal, Denmark, Sweden, Finland, Norway, Ireland, Czech Republic, Slovakia, Hungary, Poland, Monaco, Liechtenstein, Andorra, San Marino, Vatican City
- 121 City Maps: Alicante, Amadora, Amsterdam, Antwerp, Aarhus, Athens, Barcelona, Bari, Basel, Belfast, Bergen, Berlin, Bern, Bilbao, Birmingham, Bochum, Bologna, Bonn, Bordeaux, Bradford, Bratislava, Bremen, Bristol, Bruges, Brussels, Budapest, Cardiff, Catania, Charleroi, Copenhagen, Cologne, Cordoba, Cork, Coventry, Dortmund, Dresden, Dublin, Duisburg, Düsseldorf, Edinburgh, Eindhoven, Espoo, Essen, Florence, Frankfurt, Gelsenkirchen, Geneva, Genova, Ghent, Gijon, Glasgow, Goteborg, Graz, Grenada, Grenoble, Hamburg, Hannover, Helsinki, Kaiserslautern, Kingston upon Hull, La Coruna, Le Havre, Le Mans, Leeds, Leicester, Leipzich, Liège, Lille, Linz, Lisbon, Liverpool, London (and Congestion Area), Luxembourg, Lyon, Madrid, Malaga, Malmo, Manchester, Mannheim, Marseilles, Milan, Monaco, Montpellier, Munich, Nantes, Naples, Nurnberg, Nice, Odense, Oslo, Ostrava, Palma de Mallorca, Paris, Plzen, Porto, Potsdam, Prague, Reims, Rennes, Rome, Rostock, Rotterdam, Saragossa, Schwerin, Seville, Sheffield, Stavanger, Stockholm, Strasbourg, Stuttgart, The Hague, Toulouse, Turin, Uppsala, Utrecht, Valencia, Valladolid, Venice, Verona, Vienna, Zürich
- 3D landmarks (more than 1000 in Europe)

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[1] Even if a DVD-R(W) disc is recorded in Video format (Video Mode), it may not be playable as a result of scratches, dirt or characteristics specific to the disc, or dirt or condensation on the pickup lens. DVD-R(W) discs that haven't been finalised, cannot be played. In general, discs recorded in the current format using a PC (personal computer) are playable. However, certain settings and application software environments may not be able to play these discs. Please ask your application software sales agent for more details.

[2] Use finalised music CD-R(W) discs for playback. In some cases, CD-R(W) discs may not play back correctly, unless they have been recorded using a CD-R(W) unit for recording music. Furthermore, CD players may not play back music CD-R(W) discs recorded from a music CD-R(W) recorder as a result of scratches, dirt or characteristics specific to these discs, or dirt or condensation on the pickup lens. Text information such as titles recorded on CD-R(W) discs may not be displayed. Read directions carefully regarding disc use before handling CD-R(W) discs. Even if playback of a CD-R(W) disc is possible, it may take several seconds before actual sound reproduction begins.

AVIC-X3II

DVD NAVIGATION AV HEADUNIT

BUILT-IN NAVIGATION UNIT

- Europe on three DVD-ROM discs
- Voice guidance and display menus (10 languages supported: English, German, French, Italian, Dutch/Flemish, Spanish, Danish, Swedish, Portuguese and Norwegian)
- Selectable voice guidance channel (L, R, or L+R)
- 6 viewing modes: Map Mode, Driver's View Mode, Mixed Mode, Street List Mode, Rear View Mode, Vehicle Dynamics
- Memory Navi for simultaneous navigation and AV entertainment
- Built-in GPS receiver
- Built-in 3D positioning gyro sensor
- Built-in RDS-TMC tuner for real-time traffic information
- Background picture customisation via CD-ROM

DISPLAY

- Fully-motorised high-quality 7-inch 16:9 TFT active matrix LCD colour display with Anti-Glare technology
- Display area: 7-inch (156 x 89 mm)/336,960 (1,440 x 234) pixels
- Touch panel operation
- Auto dimmer control
- Picture adjustment
- Adjustable viewing angle (50° – 110°)
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)
- 8-character sub display

BUILT-IN DVD/CD/MP3 PLAYER

- DVD-Video/DVD-R/DVD-RW[1]/CD/CD-R/CD-RW[2]/MP3 playback – even while navigating
- Built-in Linear PCM/Dolby Digital decoder
- Region code: 2

DVD CAPABILITIES

- DVD-Video playback with Direct Search (Title/Chapter/Time), Next/Previous Chapter, Fast Forward/Reverse, Pause, Chapter Repeat, Condition Memory (30 discs)
- Resume play

CD CAPABILITIES

- CD playback with Track Search/Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track/Manual Search
- Auto MP3 File/CD Track display
- MP3 ID3 tag data display

TUNER

- Adaptive RDS (PL, PS, AF, TP/TA)
- PTY (search and alarm)
- Station Name List (PS)
- NEWS interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- 1 RCA AV Input (Front AV mini-jack input)
- 1 RCA AV Output (Rear)
- 1 Video Input for back-up camera
- Dual Zone operation
- IP-Bus control for adding USB adapter/Bluetooth® adapter/Multi-CD player/Multi-DVD player/AUX/EXT 1&2/CD-I200 iPod interface cable
- AV-Bus control for (PAL) TV Tuner/Multi-DVD Player/Single DVD Player

AUDIO

- MOSFET 50 W x 4 amplifier
- Optimum sound reproduction for in-car entertainment: Built-in EEQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, 3-mode loudness and HPF/LPF network
- EQ-EX
- SLA (Source Level Adjuster)
- Fader
- 3-channel RCA pre-outs (Front + Rear + NON-FAD)

GENERAL

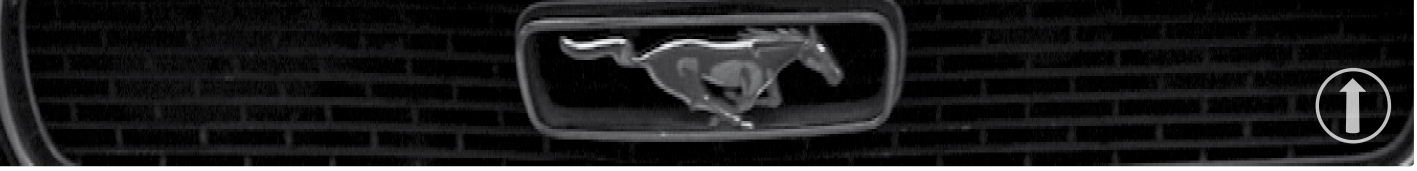
- Multi-CD control
- DAB tuner control
- Source DVD control
- External unit control via IP-Bus
- AV mini-jack
- OEM remote control ready
- BGV selectable
- Selectable background pictures
- ISO connector
- Rotary volume
- Removable front panel
- Dual button illumination (blue/red)
- Cellular telephone auto-muting
- iPod Direct Control (via optional CD-I200)
- Bluetooth® adapter ready (via optional CD-BTB200)

NAVIGATION SOFTWARE CONTENT

- Application programme and map data on 3 DVD discs
- Coverage Area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Greece, Portugal, Denmark, Sweden, Finland, Norway, Ireland, Czech Republic, Slovakia, Hungary, Poland, Monaco, Liechtenstein, Andorra, San Marino, Vatican City
- Additional connector roads available for Macedonia and Serbia

[1] *Even if a DVD-R(W) disc is recorded in Video format (Video Mode), it may not be playable as a result of scratches, dirt or characteristics specific to the disc, or dirt or condensation on the pickup lens. DVD-R(W) discs that haven't been finalised, cannot be played. In general, discs recorded in the current format using a PC (personal computer) are playable. However, certain settings and application software environments may not be able to play these discs. Please ask your application software sales agent for more details.*

[2] *Use finalised music CD-R(W) discs for playback. In some cases, CD-R(W) discs may not play back correctly, unless they have been recorded using a CD-R(W) unit for recording music. Furthermore, CD players may not play back music CD-R(W) discs recorded from a music CD-R(W) recorder as a result of scratches, dirt or characteristics specific to these discs, or dirt or condensation on the pickup lens. Text information such as titles recorded on CD-R(W) discs may not be displayed. Read directions carefully regarding disc use before handling CD-R(W) discs. Even if playback of a CD-R(W) disc is possible, it may take several seconds before actual sound reproduction begins.*



AVD-W7900

7-INCH WIDE-SCREEN QVGA COLOUR DISPLAY

- 7-inch wide-screen QVGA colour LCD display
- High-quality anti-glare coating
- 2 RCA AV Inputs (PAL/SECAM/NTSC Video & L + R Audio)
- 1 RCA AV Output (PAL/SECAM/NTSC Video & L + R Audio)
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)
- IR headphone transmitter
- Headrest mounting bezel included

AVD-W1100V

11-INCH WIDE-SCREEN VGA COLOUR DISPLAY

- 11-inch wide-screen VGA colour LCD display
- High-quality anti-glare coating
- Built-in high-quality speaker with volume control
- 2 RCA AV Inputs (PAL/SECAM/NTSC Video & L + R Audio)
- 1 RCA AV Output (PAL/SECAM/NTSC Video & L + R Audio)
- 1 x 26-pin Component Input
- 1 x 26-pin Component Output
- Auto display brightness and backlight adjustment
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)
- Semi-quick release mechanism
- Smoothly trimmed product edge for easy installation
- Headphone jack

CD-VS33

AV SELECTOR

- 3 RCA AV Outputs (PAL/SECAM*/NTSC Video & L + R Audio) in hide-away box
- 2 RCA AV Inputs (PAL/SECAM*/NTSC Video & L + R Audio) in hide-away box
- 1 RCA AV Input (PAL/SECAM*/NTSC Video & L + R Audio) on the control panel
- 2 independent headphone outputs with volume control (AV out 1, AV out 3) on the control panel
- Audio/Video independent selector for 3 Video Source Outputs
- Slim profile control panel

** Cannot accept SECAM L, as used in France.*

XDV-P6

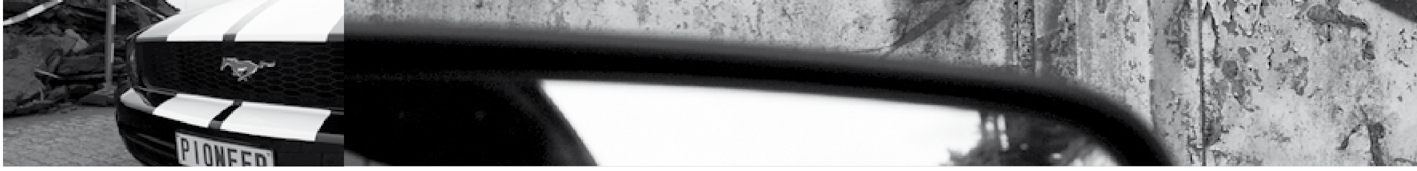
MULTI-DVD PLAYER WITH DOLBY DIGITAL/ DTS DIGITAL OUTPUT

- DVD-Video/DVD-R/DVD-RW/VideoCD/CD/CD-R/CD-RW/MP3/WMA player
- 6-disc DVD changer mechanism
- Built-in MPEG 2/1 decoder
- 24-bit D/A converter
- Stand-alone use with remote control and optional remote sensor for rear AV entertainment
- Optical Digital Output (DTS/Dolby Digital/Linear PCM) for connection with multi-channel Digital Signal Processor DEQ-P6600
- Analogue IP-Bus Input/Output
- AV-Bus Input/Output
- RCA Video Output (Front)
- RCA Video & Audio L/R Output (Rear)
- GUI control
- Region code: 2
- Can be controlled by any IP-Bus headunit as external unit

DEQ-P6600

MULTI-CHANNEL DIGITAL SIGNAL PROCESSOR

- 5.1 multi-channel surround sound capability:
  - Linear PCM/Dolby Pro Logic II/DTS Decoder
  - 6-channel DAC and built-in DSP
  - Digital Sound Field Control (SFC) for multi-channel sources (Musical/Drama/Action/Jazz/Hall/Club)
- Optimum sound reproduction for in-car environment:
  - Listening Position Selector with rear position (FR, FL, RR, RL, R, ALL, OFF)
  - Time Alignment (0 – 500 cm)
  - Optimum down mix for normal speaker layout
- MOSFET 50 W x 5 max. output power
- IP-Bus Input/Output
- 6 RCA pre-outs (Front Right + Front Left + Rear Right + Rear Left + Centre + Subwoofer)
- Parametric equaliser (Flat/Super Bass/Powerful/Natural/Vocal/Custom1/Custom2)
- 24-bit D/A converter
- Cellular telephone muting



AVH-P5900DVD

DVD AV HEADUNIT

DISPLAY

- 7-inch wide TFT active matrix LCD colour display (QVGA)
- Touch panel operation
- Display area: 154 x 87 mm/336,960 (1,440 x 234) pixels
- High-quality AG (Anti-Glare) coating
- Picture adjustment
- Fully motorised display with auto dimmer and free adjustable viewing angle (50 – 110°)
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3/WMA PLAYER

- DVD-Video/VideoCD/MP3/WMA/AAC/DivX playback
- Built-in Linear PCM/Dolby Digital decoder
- DVD-Video/DVD-R (Video)/DVD-RW (Video)/DVD-R (VR) /DVD-RW (VR)/CD/CD-R/CD-RW compatible
- Region code: 2

DVD CAPABILITIES

- DVD-Video/VideoCD playback with Direct Search (Title/Chapter/Time), Next/Previous Chapter/Track, Fast Forward/Reverse, Pause, Track /Chapter Repeat, Playback Control (VideoCD only), Scan, Digital Direct
- DVD Auto Play*, DVD Bookmark Play, DVD Eject Bookmark Play

** Some discs may not fully operate on this system*

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Track/Manual Search
- Last Position Memory (for CD function only)

TUNER

- D4Q digital AM/FM tuner
- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- NEWS interrupt feature
- Radio Text
- BSA (Best TP Station Auto Search)
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- PAL/NTSC/SECAM compatible
- 1 RCA AV Input
- 2 Video Inputs (1 Back-up Camera Input)
- 1 RCA Video Output
- AV-Bus Input
- 10-bit DAC (Video)
- 24-bit DAC (Audio)

AUDIO

- MOSFET 50 W x 4 max. output power
- 4 x 27 W DIN output power (DIN 45324, +B = 14.4 V)
- Optimum sound reproduction for in-car environment: Built-in EEQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 7-band graphic equaliser, Source Equalisation Memory, 3-mode Loudness, and HPF network
- Loudness
- SLA (Source Level Adjuster)
- Fader
- 3-channel (4 V) RCA pre-outs (Front/Rear/Subwoofer)

GENERAL

- iPod Direct Control (via optional CD-I200)
- Multi-CD control
- Source TV control
- Source DVD control
- External unit control via IP-Bus (via optional CD-BTB200/CD-UB100)
- Multi-channel surround sound ready (with DEQ-P6600 Digital Signal Processor)
- Mini-jack Input (audio and video)
- Optional remote control (CD-R55)
- ISO connector
- Partially removable front panel with safety warning beep
- Dual button illumination (blue/red)
- Cellular telephone auto muting
- Flexible angle installation (0 – 30°)
- Colour Customisation (5 colours for OSD, 2 colours for buttons)

AVH-P5000DVD

DVD AV HEADUNIT

DISPLAY

- 7-inch wide TFT active matrix LCD colour display (QVGA)
- Touch panel operation
- Display area: 154 x 87 mm/336,960 (1,440 x 234) pixels
- High-quality AG (Anti-Glare) coating
- Picture adjustment
- Fully motorised display with auto dimmer and free adjustable viewing angle (50 – 110°)
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3/WMA PLAYER

- DVD-Video/VideoCD/MP3/WMA/AAC/DivX playback
- Built-in Linear PCM/Dolby Digital decoder
- DVD-Video/DVD-R (Video)/DVD-RW (Video)/DVD-R (VR) /DVD-RW (VR)/CD/CD-R/CD-RW compatible
- Region code: 2

DVD CAPABILITIES

- DVD-Video/VideoCD playback with Direct Search (Title/Chapter/Time), Next/Previous Chapter/Track, Fast Forward/Reverse, Pause, Track /Chapter Repeat, playback control (VideoCD only), Scan, Digital Direct
- DVD Auto Play*, DVD Bookmark Play, DVD Eject Bookmark Play

** Some discs may not fully operate on this system*

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Track/Manual Search
- Last Position Memory (for CD function only)

TUNER

- D4Q digital AM/FM tuner
- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- NEWS interrupt feature
- Radio Text
- BSA (Best TP Station Auto Search)
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- PAL/NTSC/SECAM compatible
- 1 RCA AV Input
- 2 Video Inputs (1 Back-up Camera Input)
- 1 RCA Video Output
- AV-Bus Input
- 10-bit DAC (Video)
- 24-bit DAC (Audio)

AUDIO

- MOSFET 50 W x 4 max. output power
- 4 x 22 W DIN output power (DIN 45324, +B = 14.4 V)
- Optimum sound reproduction for in-car environment: 5-mode factory preset equaliser, 1 custom preset equaliser, 3-band parametric equaliser, Source Equalisation Memory, 3-mode Loudness, and HPF/LPF network
- Loudness
- SLA (Source Level Adjuster)
- Fader
- 2-channel (4 V) RCA pre-outs (Front/Rear or Subwoofer)
- Direct sub drive

GENERAL

- USB Direct Connection (Rear)/1.5 m cable included
- iPod Direct Control (via optional CD-I200)
- Multi-CD control
- Source TV control
- Source DVD control
- External unit control via IP-Bus (via optional CD-BTB200/CD-UB100)
- Multi-channel surround sound ready (with DEQ-P6600 Digital Signal Processor)
- Mini-jack Input (audio and video)
- Optional remote control (CD-R55)
- ISO connector
- Partially removable front panel with safety warning beep
- Dual button illumination (blue/red)
- Cellular telephone auto muting
- Flexible angle installation (0 – 30°)
- Colour Customisation (5 colours for OSD, 2 colours for buttons)

AVH-P4000DVD

DVD AV HEADUNIT

DISPLAY

- 6.1-inch wide TFT active matrix LCD colour display (QVGA)
- Touch panel operation
- Display area: 136 x 72 mm/336,960 (1,440 x 234) pixels
- High-quality AG (Anti-Glare) coating
- Picture adjustment
- Selectable wide-screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3/WMA PLAYER

- DVD-Video/VideoCD/MP3/WMA/AAC/DivX playback
- Built-in Linear PCM/Dolby Digital decoder
- DVD-Video/DVD-R (Video)/DVD-RW (Video)/DVD-R (VR) /DVD-RW (VR)/CD/CD-R/CD-RW compatible
- Region code: 2

DVD CAPABILITIES

- DVD-Video/VideoCD playback with Direct Search (Title/Chapter/Time), Next/Previous Chapter/Track, Fast Forward/Reverse, Pause, Track /Chapter Repeat, Playback Control (VideoCD only), Scan, Digital Direct
- DVD Auto Play*, DVD Bookmark Play, DVD Eject Bookmark Play

** Some discs may not fully operate on this system*

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, CD Text, List Search
- 96 kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Track/Manual Search
- Last Position Memory (for CD function only)

TUNER

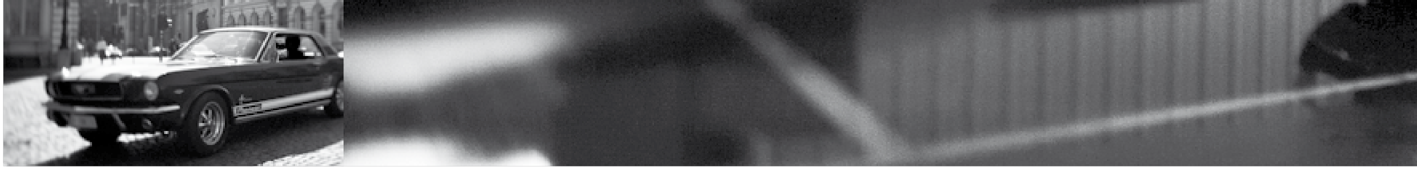
- D4Q digital AM/FM tuner
- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- NEWS interrupt feature
- Radio Text
- BSA (Best TP Station Auto Search)
- High-speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- PAL/NTSC/SECAM compatible
- 1 RCA AV Input
- 2 Video Inputs (1 Back-up Camera Input)
- 1 RCA Video Output
- 10-bit DAC (Video)
- 24-bit DAC (Audio)

AUDIO

- MOSFET 50 W x 4 max. output power
- 4 x 22 W DIN output power (DIN 45324, +B = 14.4 V)
- Optimum sound reproduction for in-car environment: 5-mode factory preset equaliser, 1 custom preset equaliser, 3-band parametric equaliser, Source Equalisation Memory, 3-mode Loudness, HPF/LPF network
- Loudness
- SLA (Source Level Adjuster)
- Fader
- 2-channel (4 V) RCA pre-outs (Front/Rear or Subwoofer)
- Direct sub drive



GENERAL

- USB Direct Connection (Rear)/1.5 m cable included
- iPod Direct Control (via optional CD-I200)
- Multi-CD control
- ITS (Instant Track Selection) for MCD
- Source TV control
- Source DVD control
- External unit control via IP-Bus (via optional CD-BTB200/CD-UB100)
- Multi-channel surround sound ready (with DEQ-P6600 Digital Signal Processor)
- Front Aux-in
- Optional remote control (CD-R55)
- ISO connector
- Partially removable front panel with safety warning beep
- Cellular telephone auto muting
- Flexible angle installation (0 – 30°)
- Colour Customisation (5 colours for OSD, RGB colours for buttons)

DVH-P5000UB

MP3/WMA/AAC/DivX DVD RDS TUNER

DVD/CD/MP3 PLAYER

- DVD-Video/VideoCD/MP3/WMA/AAC/DivX playback
- DVD-Video/DVD-R (Video)/DVD-RW (Video)/DVD-R (VR) /DVD-RW (VR)/CD/CD-R/CD-RW compatible
- Region code: 2

DVD CAPABILITIES

- DVD-Video/VideoCD Playback with Direct Search (Chapter/Track/Title /Group), Next/Previous, Fast Forward/Reverse, Pause, Track/Chapter Repeat, Playback Control (VideoCD only)

CD CAPABILITIES

- CD Playback with Track Scan/Pause/Repeat, Random Play, Disc Title Memory, CD Text
- 96 kHz/24-bit DAC
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Last Position Memory
- Disc Title Memory

TUNER

- D4Q digital AM/FM tuner
- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- NEWS interrupt feature
- Radio Text
- BSA (Best TP Station Auto Search)
- High-speed PLL Synthesiser tuner
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- IP-Bus input
- Optical digital output
- RCA Video output
- RCA Video input (or camera input)
- 10-bit D/A converter (Video)
- 24-bit D/A converter (Audio)

AUDIO

- MOSFET 50 W x 4 max. output power
- 4 x 22 W DIN output power (DIN 45324, +B = 14.4 V)
- 5-mode factory preset equaliser, 1 custom preset equaliser, 3-band parametric equaliser, Source Equalisation Memory, 3-mode Loudness, and HPF/LPF Network
- Direct sub drive
- Level Indicator
- Source Level Adjuster
- Fader
- 3 RCA pre-outs (F+R+S/W)

GENERAL

- Rear USB-in
- iPod Direct Control (via optional CD-IU50)
- Multi-CD Control
- ITS (Instant Track Selection) for MCD
- Source TV Control
- Source DVD Control
- External unit control via IP-Bus (optional CD-BTB200/CD-IB100 II /CD-UB100/DEQ-P6600)
- Rear Aux-in (audio and video)
- IR remote control
- ISO Connector
- Digital clock
- White LCD Display
- Removable Front Panel
- Cellular telephone auto muting
- Flexible angle installation (0 – 30°)

DVH-3900MP

MP3/WMA/DivX DVD RDS TUNER

DVD/CD/MP3 PLAYER

- DVD-Video/VideoCD/MP3/WMA/DivX playback
- DVD-Video/DVD-R (Video)/DVD-RW (Video)/CD/CD-R /CD-RW compatible
- Region code: 2

DVD CAPABILITIES

- DVD-Video/VideoCD Playback with Direct Search (Chapter/Track/Title /Group), Next/Previous, Fast Forward/Reverse, Pause, Track/Chapter Repeat, Playback Control (VideoCD only)

CD CAPABILITIES

- CD Playback with Track Scan/Pause/Repeat, Random Play, Disc Title Memory, CD Text
- 96 kHz/24-bit DAC
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Last Position Memory
- Disc Title Memory

TUNER

- D4Q digital AM/FM tuner
- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- NEWS interrupt feature
- Radio Text
- BSA (Best TP Station Auto Search)
- High-speed PLL Synthesiser tuner
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- Optical digital output
- RCA Video output
- 10-bit D/A converter (Video)
- 24-bit D/A converter (Audio)

AUDIO

- 4 x 18 W DIN output power (DIN 45324, +B = 14.4 V)
- Level Indicator
- Loudness
- Fader
- 2 RCA pre-outs (Rear + Subwoofer)

GENERAL

- Multi-CD Control
- ITS (Instant Track Selection) for MCD
- Source TV Control
- Source DVD Control
- Front Aux-in (audio and video)
- IR remote control
- ISO Connector
- Digital clock
- White LCD Display
- Removable Front Panel
- Cellular telephone auto muting
- Flexible angle installation (0 – 30°)

CD RDS Tuners Features

	AVH-P5900DVD	AVH-P5000DVD	AVH-P4000DVD	DVH-P5000UB	DVH-3900MP	DEH-P88RS II	DEH-P800BT	FH-P80BT	DEH-P700BT	DEH-600BT	DEH-P7000UB	DEH-P6000UB	DEH-50UB	DEH-5000UB	DEH-3000MP	DEH-2000MP DEH-2020MP DEH-2000MPB	DEH-1000E DEH-1020E
GENERAL																	
Display Type	7-inch TFT active matrix LCD (QVGA)	7-inch TFT active matrix LCD (QVGA)	6.1-inch TFT active matrix LCD (QVGA)	LCD	LCD	White OEL	Dot-type OEL	OEL	RGB-LCD	LCD	Dot-type OEL	OEL	LCD	RGB-LCD	LCD	LCD (DEH-2000MPB: LCD pos)	LCD
Number of Characters/Dots				1 x 16	1 x 8	160 x 48	160 x 48	3 x 16	1 x 16	1 x 16	160 x 48	2 x 16	1 x 16	1 x 16	1 x 8	1 x 8	1 x 8
Button Illumination	Red/blue	Red/blue	RGB colours	Blue	Red (blue ring)	White	Blue	Blue	10 colours	Red	Blue	Blue	Blue	10 colours	Red (blue ring)	Red (DEH-2020MP: green)	Red (DEH-1020E: green)
Multi-language User Interface						•	•				•						
Manual Flap Front Panel				•					•	•		•					
Auto-flap Front Panel	Motorised screen	Motorised screen				•	•				•						
Rotary Commander				•		•	•	•	•	•	•	•	•	•			
Remote Control	Optional (CD-R55)	Optional (CD-R55)	Optional (CD-R55)	•	•	•	•	•	•		•	•	Optional (CD-R320)	Optional (CD-R320)	Optional (CD-SR100)		
OEM Remote Control Ready		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OEM Display Output						•	•	•	•		•	•					
Aux-In Terminal	Rear	Front	Front	Rear	Front	Rear	Rear	Rear	Rear	Rear	Rear	Rear	Rear	Rear	Front	Front	Front
USB-In Terminal		Rear	Rear	Rear				Rear	Rear		Rear	Rear	Rear	Rear			
USB Adapter Ready	•					•	•										
USB Text		•	•	•				•	•		•	•	•	•			
iPod Direct Control	• (*)	• (*)	• (*)	• (**)			• (*)	• (**)	• (**)		• (**)	• (**)	• (**)				
iPod Adapter Ready (CD-IB100 II)	•			•		•	•	•	•		•	•					
List Search	•	•	•	•		•	•	•	•	•	•	•	•	•			
Full Control Expansion Unit (via IP-Bus)	Multi-CD/TV/ Multi-DVD/ DEQ-P6600/ Bluetooth®USB	Multi-CD/TV/ Multi-DVD/ DEQ-P6600/ Bluetooth®	Multi-CD/TV/ Multi-DVD/ DEQ-P6600/ Bluetooth®	Multi-CD/TV/ Multi-DVD/ Bluetooth®/iPod		Multi-CD/TV/ Multi-DVD	Multi-CD/TV/ Multi-DVD/USB	Multi-CD/TV/ Multi-DVD/iPod	Multi-CD/TV/ Multi-DVD/iPod		Multi-CD/TV/ Multi-DVD/ iPod/ Bluetooth®	Multi-CD/TV/ Multi-DVD/ iPod/ Bluetooth®					
Limited Control Expansion Unit (via IP-Bus)	DAB	DAB	DAB	DAB		DAB	DAB	DAB	DAB		DAB	DAB					
Cellular Telephone Auto Muting	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flexible Angle Installation	0° – 30°	0° – 30°	0° – 30°	0° – 30°	0° – 30°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°	0° – 60°
TUNER																	
AM/FM Tuner	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS	RDS
Preset Channels	24	24	24	24	24	24	24	24	24	24	24	24	24	24	18	18	18
BSM (Best Station Memory)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PTY (Programme Type)	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
News Interrupt	•	•	•	•	•		•	•	•	•	•	•	•	•			
Radio Text	•	•	•		•		•				•						
CD PLAYER																	
CD-R/CD-RW Playback	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Compressed File Playback	MP3/WMA/ WAV/AAC/DivX/ VideoCD	MP3/WMA/ AAC/DivX/ VideoCD	MP3/WMA/ AAC/DivX/ VideoCD	MP3/WMA/ AAC/DivX/ VideoCD	MP3/WMA/ DivX/VideoCD	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV/AAC	MP3/WMA/ WAV	MP3/WMA/ WAV	MP3/WMA/ WAV	
CD Text	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Disc Title Memory				•	•	•	•	•	•	•	•	•	•	•			
D/A Converter	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit (Burr-Brown)	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit

* Via CD-I200
** Via CD-IU50

	AVH-P5900DVD	AVH-P5000DVD	AVH-P4000DVD	DVH-P5000UB	DVH-3900MP	DEH-P88RS II	DEH-P800BT	FH-P80BT	DEH-P700BT	DEH-600BT	DEH-P7000UB	DEH-P6000UB	DEH-50UB	DEH-5000UB	DEH-3000MP	DEH-2000MP DEH-2020MP DEH-2000MPB	DEH-1000E DEH-1020E
DVD PLAYER																	
Video Format	DVD-R/RW (Video); DVD-R/RW(VR))	DVD-R/RW (Video); DVD-R/RW(VR)	DVD-R/RW (Video); DVD-R/RW(VR)	DVD-R/RW (Video); DVD-R/RW(VR)	DVD-R/RW(Video)												
File Format (DVD-R/RW)	MP3/WMA/WAV/AAC/DivX	MP3/WMA/AAC/DivX	MP3/WMA/AAC/DivX	MP3/WMA/AAC/DivX	MP3/WMA/DivX												
Input for Back-up Camera	•	•	•	•													
OSD (On-screen Display)	5-colour	5-colour	5-colour														
AUDIO																	
Max. Output Power	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	45 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4
Continuous Output Power	27 W x 4	22 W x 4	22 W x 4	22 W x 4	18 W x 4	27 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4	22 W x 4
Bass/Mid/Treble															•	•	•
EEQ						•	•	•	•	•	•	•	•	•	•	•	•
3-band Parametric Equaliser		•	•	•					•	•		•	•	•			
7-band Graphic Equaliser	•						•	•			•						
Buit-in DSP (Digital Signal Processor)						•											
Preset EQ Curves	5	5	5	5	7	5	5	5	5	5	5	5	5	5	5	5	5
Custom EQ Curves	2	1	1	1	2	2	2	2	1	1	2	1	1	1	1	1	1
Source Dependent EQ Memory	•					•	•	•			•						
Low Pass Filter (LPF)		•	•	•		•	•	•	•	•	•	•	•	•			
High Pass Filter (HPF)	•	•	•	•		•	•	•	•	•	•	•	•	•			
Listening Position Selector	•					•											
Auto Time Alignment						•											
Auto EQ						•											
3-way Network Mode						•											
Loudness	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ASR (Advanced Sound Retriever)								•	•		•	•	•	•			
Source Level Adjustment (SLA)	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Automatic Sound Leveliser (ASL)						•	•	•			•						
L/R Level Meter						•	•				•						
Spectrum Analyser						•	•				•						
RCA Pre-Out Terminal(s)	3 (F+R+S/W or NON-FAD)	2 (F+R or S/W)	2 (F+R or S/W)	3 (F+R+S/W)	2 (R + S/W)	3 (F+R+S/W or HI+MID+LOW)	3 (F+R+S/W or NON-FAD)	3 (F+R+S/W or NON-FAD)	3 (F+R+S/W or NON-FAD)	1 (R or S/W)	3 (F+R+S/W or NON-FAD)	2 (F+R or S/W)	1 (R or S/W)	1 (R or S/W)	1 (R)		
High Voltage Output	4 V	4 V	4 V			5 V	4 V	4 V	4 V		4 V						
Direct Sub Drive		•	•	•			•	•	•	•	•	•	•	•			
BLUETOOTH®																	
Hands-free Calling							•	•	•	•							
Audio Streaming							•	•	•	•							
Bluetooth® Adapter Ready (CD-BTB200)	•	•	•	•		•					•	•					
Nr. Phones Registration							3	3	3	3							
Nr. Preset Phone Numbers							10	10	10	10							
Nr. Phonebook Contacts							400 x 3nr x 3 phones	400 x 3nr x 3 phones	400 x 3nr x 3 phones	400 x 3nr x 3 phones							

Note: All our models come with an ISO-connector.

DEX-P90RS

COMPONENT CD RDS TUNER

TUNER

- RDS (PI, PS, AF, TP/TA), PTY (Search and Alarm), News Interrupt feature and Radio Text
- High-speed PLL ARC 5 Synthesiser tuner with BSA (Best TP Station Auto Search), BSM (Best Stations Memory) and PNS (Pulse Noise Suppressor)
- 24 presets

CD PLAYER

- 24-bit D/A converter with 8 times oversampling digital filter
- Fast Forward/Reverse
- Track Search/Scan/Repeat
- Track/Manual search
- Random Play
- Last Position Memory
- Disc Title Memory
- CD Text
- CD-R/CD-RW playback with Skip Play

AUDIO

- Separate Bass/Treble
- Source Level Adjuster
- Fader
- 3 Gold-plated RCA pre-outs (Front + Rear + Non-Fading)
- Hi-volt Output
- IP-Bus Input/Output
- Optical Digital Input/Output

GENERAL

- Multi-CD Control with Disc Title Memory and CD Text
- Source TV Control
- DAB Tuner Control
- Source DVD Control
- External Unit Control via IP-Bus (2 units)
- Aux-in (with optional CD-RB20)
- Slide-type remote control
- Digital clock
- White OEL Display Illumination
- Display Off
- Auto-flap mechanism
- Removable front panel with safety warning beep
- Cellular telephone auto-muting
- Flexible angle installation (0 – 60°)
- Copper-plated chassis
- Aluminium finished front panel

PRS Amplifiers

FEATURES	PRS-A900	PRS-D1200M	PRS-D420	PRS-D220
Circuit Type	Current Feedback/ Class AB	Class-D MOSFET	Class-FD (ICEpower®) MOSFET	Class-FD (ICEpower®) MOSFET
Max. Output Power	4 x 100 W (4 Ω) 2 x 200 W (4 Ω bridged)	1 x 800 W (4 Ω) 1 x 1200 W (1 Ω/2 Ω)	4 x 150 W (4 Ω) 2 x 600 W (4 Ω)	2 x 300 W (4 Ω) 1 x 1200 W (4 Ω)
LPF/HPF Network		40 – 240 Hz (-18 dB/oct) (no HPF)	40 – 500 Hz (-12 dB/oct)	40 – 500 Hz (-12 dB/oct)
Subsonic Filter		20 Hz (-18 dB/oct)		
Bass Boost		50 Hz, 0/6/9/12 dB Remote		50 Hz, 0/6/9/12 dB Remote
Input Level/Gain Control (L/R INDEPENDENT)	•	RCA (400 mV – 6.5 V) (Low) SP (1.6 V – 26 V) (High) Switchable	RCA (400 mV – 6.5 V) (Low) SP (1.6 V – 26 V) (High) Switchable	RCA (400 mV – 6.5 V) (Low) SP (1.6 V – 26 V) (High) Switchable
PWM (L/R INDEPENDENT) Regulated MOSFET Power supply	•			
High Voltage Input Capability	• (400 mV – 6.5 V)	• (400 mV – 6.5 V)	• (400 mV – 6.5 V)	• (400 mV – 6.5 V)
Load Impedance Capability (Bridged)	4 Ω (2 – 8 Ω allowable)	1 – 8 Ω (≥ 2 Ω) (external)	2 – 8 Ω (≥ 4 Ω)	2 – 8 Ω (≥ 4 Ω)
Gold-plated RCA Input/Output Terminals	1/-	1/-	2/1	1/1
Gold-plated Speaker Terminals	• (block-type)	• (screw-type)	• (screw-type)	• (screw-type)
Large Gold-plated Power/Ground Terminals		• (screw-type)	• (screw-type)	• (screw-type)
Gold-plated Power Terminals	• (block-type)			
Ground Terminals	• (block-type)			
High-performance Balanced Isolator Circuit	•			
MOSFET Output Section	•	•	•	•
Power Indicator	•	•	•	•

SPECIFICATIONS	PRS-A900	PRS-D1200M	PRS-D420	PRS-D220
CEA 2006 Power (THD + N = 1 %) S/N (1 W Output)	4 x 50 W (4 Ω) 84 dBA (ref.: 1 W into 4 Ω)			
Continuous Output Power (RMS) Watts 14.4 V (20 Hz – 240 Hz/4 Ω)		1 x 400 W (1.0 %)		
(20 Hz – 20 kHz/4 Ω)	4 x 50 W (0.08 %)		4 x 75 W (1.0 %)	2 x 150 W (1.0 %)
(20 Hz – 20 kHz/2 Ω)	4 x 50 W (0.8 %)			
(100 Hz/2 Ω)		1 x 600 W (1.0 %)		
(100 kHz/1 Ω)		1 x 600 W (1.0 %)		
(1 KHz/2 Ω)			4 x 150 W (1.0 %)	2 x 300 W (1.0 %)
(1 KHz/4 Ω)			2 x 300 W (1.0 %)	1 x 600 W (1.0 %)
(Bridged 4 Ω)	2 x 100 W (0.8 %)			
Frequency Response (Hz) (+0 dB, -1 dB)	10 – 100,000			
(+0 dB, -3 dB)		10 – 240	10 – 40,000	10 – 40,000
Distortion (%)	‹ 0.003 (10 W / 1 kHz)	‹ 0.03 (100 Hz/4 Ω)	‹ 0.005 (1 kHz/4 Ω)	‹ 0.005 (1 kHz/4 Ω)
S/N Ratio (dB)	› 108	› 92	› 100	› 100
Separation (dB) (100 Hz – 10 kHz)	75		60	60
(1 kHz)			70	70
Max. Current Consumption (A/4 Ω)	28.0	39.0	28.0	25.0
Chassis Size (W x H x D mm)	282 x 65 x 371	304 x 56 x 195	304 x 56 x 195	304 x 56 x 195
Unit Weight (kg)	6.4	2.8	2.9	2.8

TS-T031PRS

28 MM TWEETER

- Ø 28 mm ultra light-weight soft dome diaphragm
- Aluminium flange & back cabinet
- High-powered magnetic circuit with double magnets
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter
- Cut-off frequency: ≥2,000 Hz with -12 dB/oct High Pass Filter
- Maximum input power: 200 W
- Nominal input power: 50 W
- 1,200 – 32,000 Hz, 90 dB (1 W/1 m)
- Impedance: 4 Ω
- Unit weight: 129 g
- Dimensions: Ø 55 x 27 (D) mm

TS-S101PRS

10 CM MID-HIGH RANGE DRIVER

- Ø 10 cm dual-layer composite cone with Aramid fibre and pulp
- Micro fibre surround
- Aluminium centre plug
- Bottom-hold aluminium die-cast chassis
- Neodymium magnet
- Removable magnet cover
- Removable aluminium die-cast protection bars
- Cut-off frequency: ≥250 Hz with -12 dB/oct High Pass Filter
- Maximum input power: 60 W
- Nominal input power: 15 W
- 60 – 30,000 Hz, 86 dB (1 W/1 m)
- Impedance: 4 Ω
- Unit weight: 560 g
- Dimensions: Ø 110 x 52 (D) mm
- Cut-out hole: Ø 90 mm
- Mounting depth: 45 mm

TS-M171PRS

17 CM MID-BASS DRIVER

- Ø 17 cm 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- Micro fibre surround
- Aluminium centre plug
- Aluminium die-cast chassis
- Double-stacked magnets
- Ring spacer included
- Aluminium die-cast spoke grille included
- Overhung thick plate
- Maximum input power: 200 W
- Nominal input power: 50 W
- 25 – 9,000 Hz, 88 dB (1 W/1 m)
- Impedance: 4 Ω
- Unit weight: 2.08 kg
- Dimensions: Ø 156 x 78 (D) mm
- Cut-out hole: Ø 140 mm
- Mounting depth: 67 mm

TS-W12PRS

30 CM DUAL VOICE COIL SUBWOOFER

- KEVLAR® brand fibre composite cone
- Dual-layer rolled urethane surround
- Dual 4 Ω voice coil design (2 or 8 Ω)
- 2 Ω rated (parallel wired)
- 8 Ω rated (series wired)
- VCCS™ (Voice Coil Cooling System)
- 4-spoke aluminium die-cast frame
- Gold-plated binding post-screw terminals
- Recommended enclosure volumes: 28 litres ±10 %
- Maximum input power: 1200 W
- Nominal input power: 300 W
- 15 – 2,000 Hz, 92 dB (1 W/1 m)
- Unit weight: 11.9 kg
- Dimensions: Ø 322 x 152 (D) mm
- Cut-out hole: Ø 278 mm
- Mounting depth: 133 mm

TS-C171PRS

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

- Ø 17 cm 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- Ø 28 mm Soft Dome tweeter
- Passive crossover network
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter
- Maximum input power: 200 W
- Nominal input power: 50 W
- 25 – 32,000 Hz, 88 dB (1 W/1 m)
- Impedance: 4 Ω
- Unit weight: 2.65 kg

TS-C131PRS

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

- Ø 13 cm 3-layer IMX™ (Injection Moulded Matrix) cone woofer
- Ø 28 mm Soft Dome tweeter
- Passive crossover network
- Tweeter fitting kits included: surface mount slant spacer, flash mount adapter and invisible mount adapter
- Maximum input power: 150 W
- Nominal input power: 30 W
- 35 – 32,000 Hz, 88 dB (1 W/1 m)
- Impedance: 4 Ω
- Unit weight: 2.05 kg

DEQ-P90

DIGITAL PREAMP/EQUALISER

- 31-band L/R independent graphic equaliser (1/3 oct) with level control (0.5 step, ± 12 dB)
- 4-way independent L/R crossover network (High, Mid, Low, Subwoofer)
  - - Crossover frequency: 20 Hz – 20 kHz (1/3 oct)
  - - Slope: 0*, -6, -12, -18, -24, -30, -36 dB/oct
- Time Alignment for clear sound focus
- Listening Position selector (FR/FL/F/OFF)
- 24-bit Burr-Brown D/A converters
- High-performance 8 times oversampling digital filter
- Optical Digital Input for connection with DEX-P90RS
- High Voltage Output
- Gold-plated 8-channel RCA Output (High/Mid/Low/Subwoofer)
- Parametric Bass/Treble
- Electronic Volume
- Gold-plated power screw terminals
- Copper-plated chassis
- Installation kit

** Not available for HPF of high mode.*

Technical Parameters

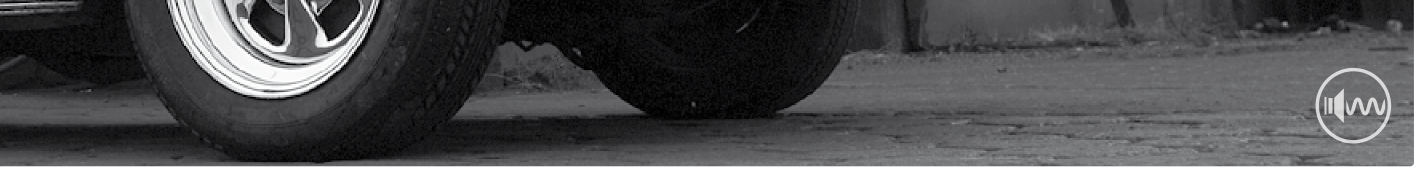
2-WAY SEPARATE SPEAKER SYSTEMS COMPONENTS	TS-W12PRS	TS-C131PRS	TS-C171PRS tweeter TS-C131PRS tweeter TS-T031PRS	TS-C171PRS TS-M171PRS
Revc (Ω)	Dual 3.6	2.7	5	2.7
Levc (mH)	1.61 (8 Ω) 0.40 (2 Ω)	0.2	0.02	0.33
Fs (Hz)	24	80		66
Zmax (Ω)	175 (8 Ω) 43.8 (2 Ω)	30.2		35.8
Qms	9.00	9.2		9.12
Qes	0.41	0.93		0.76
Qts	0.39	0.85		0.71
Vas (ft^3/litres)	0.3 93	0.15 4.3		0.32 9.2
RMS (NS/m)	2.3	0.56		0.76
Mms (g)	135	10.3		16.9
Cms (m/N)	0.000315	0.000384		0.000346
BL (T m)	19.46	3.92		5.02
SD (in^2/m^2)	70.9 0.0456	13.76 0.009		21.2 0.014
HVC (in/mm)	1.56 39.5	0.22 5.6		0.24 6.2
Hag (in/mm)	0.47 12.0	0.55 14.0		0.55 14.0
Recommended enclosure volume (ft^3/litres)	1.0 (± 10%) 28 (± 10%)	Free air		Free air

Amplifiers

SPL AMPLIFIERS

FEATURES	PRS-D2000SPL	PRS-D1200SPL
Low Pass Filter	40 – 240 Hz (-24 dB/Oct)	40 – 240 Hz (-24 dB/Oct)
Input Level/Gain Control	•	•
PWM Regulated MOSFET Power Supply	•	•
Hi-Volt Input Capability (200 mV – 6.5 V)	•	•
Low Load Impedance Capability (1 – 8 Ω)	•	•
Bass Boost	40 – 120 Hz 0/6/9/12 dB via remote	40 – 120 Hz 0/6/9/12 dB via remote
Subsonic Filter	•	•
Gold-plated RCA Input Terminals	•	•
Gold-plated RCA Sync Control Output Terminals	•	•
Large Block-type Power/Ground Terminals	•	•
High Performance Balanced Isolator Circuit	•	•
MOSFET Output Section	•	•
SYNC Control	•	•

SPECIFICATIONS	PRS-D2000SPL	PRS-D1200SPL
Max. Output Power	1 x 4000 W (1 Ω) 1 x 3000 W (2 Ω) 1 x 1500 W (4 Ω)	1 x 2400 W (1 Ω) 1 x 2000 W (2 Ω) 1 x 1000 W (4 Ω)
Continuous Output Power (RMS) Watts 14.4 V (50 Hz/1 Ω ≤ 1% THD/2 % THD*) (50 Hz/2 Ω ≤ 1% THD) (20 Hz – 240 Hz/4 Ω ≤ 1% THD)	1 x 2000 W 1 x 1500 W 1 x 750 W	* 1 x 1200 W 1 x 1000 W 1 x 500 W
Frequency Response (Hz) (+0 dB, -3 dB)	10 Hz – 240 Hz	10 Hz – 240 Hz
Distortion (%) (10 W/4 Ω/100 Hz)	‹ 0.3	‹ 0.3
S/N Ratio	› 85 dB	› 80 dB
Input Level Control	400 mV – 6.5 V	400 mV – 6.5 V
Max. Current Consumption (A/4 Ω)	67 A	44 A
Chassis Size (W x H x D mm)	586 x 65 x 282	381 x 65 x 282
Unit Weight (kg)	9.1	6.0



Amplifiers

CLASS-D AMPLIFIERS

FEATURES	GM-D8400M	GM-D7400M
Circuit Type	Class-D	Class-D
Max. Output Power	1 x 600 W (4 Ω) 1 x 1200 W (2 Ω)	1 x 400 W (4 Ω) 1 x 800 W (2 Ω)
Low Pass Filter (LPF)	40 – 240 Hz (-12 dB/oct)	40 – 240 Hz (-12 dB/oct)
Bass Boost	50 Hz, 0 – 12 dB Remote controlled	50 Hz, 0/6/12 dB
Input Level/Gain Control (L/R INDEPENDENT)	RCA (200 mV – 6.5 V) SP (0.8 V – 26 V) Switchable	RCA (200 mV – 6.5 V) SP (0.8 V – 26 V) Switchable
Load Impedance Capability (Bridged)	2 – 8 Ω	2 – 8 Ω
RCA Input Terminal	1	1
Speaker/Power/Ground Terminals	• (Block-type)	• (Block-type)
MOSFET Output Section	•	•
Power Indicator	•	•

SPECIFICATIONS		GM-D8400M	GM-D7400M
CEA 2006 Power (THD + N = 1 %)	(20 Hz – 240 Hz/4 Ω)	1 x 300 W	1 x 200 W
	(50 Hz/2 Ω)	1 x 600 W	1 x 400 W
S/N	(ref: 1 W into 4 Ω)	54 dBA	54 dBA
Frequency Response	(0 dB, -3 dB)	10 – 240 Hz	10 – 240 Hz
Distortion	(100 Hz/4 Ω/10 W)	‹ 0.3 %	‹ 0.3 %
S/N Ratio		› 80 dB	› 80 dB
Max. Current Consumption (A/4 Ω)		27 A	17 A
Chassis Size (W x H x D mm)		290 x 56 x 200	225 x 56 x 200
Unit Weight (kg)		3.2	2.6

BRIDGEABLE AMPLIFIERS

FEATURES	GM-6300F	GM-5300T	GM-3300T
Type	4-channel amplifier	2-channel amplifier	2-channel amplifier
LPF	80 Hz (-12 dB/oct)	80 Hz (-12 dB/oct)	80 Hz (-12 dB/oct)
HPF	80 Hz (-12 dB/oct)		
Input Level Control	RCA (400 mV – 6.5 V) SP (1.6 V – 26 V) Switchable	RCA (400 mV – 6.5 V) SP (1.6 V – 26 V) Switchable	RCA (400 mV – 6.5 V) SP (1.6 V – 26 V) Switchable
Load Impedance Capability (Bridged)	2 – 8 Ω (4 – 8 Ω)	2 – 8 Ω (4 – 8 Ω)	2 – 8 Ω (4 – 8 Ω)
Bass Boost		50 Hz; 0/6/9/12 dB	
RCA Output Terminals	1		
RCA Input Terminals	2	1	1
Speaker Terminals	Screw-type	Screw-type	Screw-type
Power/Ground Terminals	Large screw-type	Large screw-type	Large screw-type

SPECIFICATIONS		GM-6300F	GM-5300T	GM-3300T
Maximum Output Power		4 x 120 Watt (4 Ω) or 2 x 300 Watt (4 Ω)	2 x 250 Watt (4 Ω) or 1 x 760 Watt (4 Ω)	2 x 120 Watt (4 Ω) or 1 x 300 Watt (4 Ω)
Continuous Power Output (RMS)	14.4 V (20 Hz – 20 kHz/4 Ω)	4 x 60 W/2 x 150 W (bridged)	2 x 125 W/1 x 380 W (bridged)	2 x 60 W/1 x 150 W (bridged)
	14.4 V (20 Hz – 20 kHz/2 Ω)	4 x 75 W	2 x 190 W	2 x 75 W
Distortion		0.01 %	0.015 %	0.008 %
S/N Ratio		95 dB	95 dB	100 dB
Hi-Volt Input Capability		400 mV – 6.5 V	400 mV – 6.5 V	400 mV – 6.5 V
Max. Current Consumption (4 Ω)		35 A	30 A	15 A
Chassis Size (W x H x D)		300 x 60 x 334 mm	300 x 60 x 334 mm	300 x 60 x 194 mm
Unit Weight		4.1 kg	3.9 kg	2.4 kg

Subwoofers

COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFERS FOR PROFESSIONAL USE

	TS-W8102SPL	TS-W5102SPL
Composite IMPP™ Cone Using Interlaced Carbon Fibre	38 cm	30 cm
Frequency Response	15 – 1500 Hz	18 – 2000 Hz
Sensitivity (1 W/1 m)	91 dB	88 dB
Nominal Input Power	3000 W	2500 W
Maximum Input Power	8000 W	6000 W

COMPETITION CLASS SPL DUAL VOICE COIL SUBWOOFERS

	TS-W3001D4	TS-W2501D4
Composite IMPP™ Cone Using Interlaced Carbon Fibre	30 cm	25 cm
Frequency Response	20 – 150 Hz	20 – 150 Hz
Sensitivity (1 W/1 m)	92 dB	90 dB
Nominal Input Power	1000 W	800 W
Maximum Input Power	3000 W	2500 W

SHALLOW-TYPE SUBWOOFERS

	TS-SW1241D	TS-SW1041D	TS-SW841D
Interlaced Glass/Carbon Fibre Reinforced IMPP™ Upper Cone	30 cm	25 cm	20 cm
Frequency Response	18 – 1000 Hz	20 – 1000 Hz	30 – 1500 Hz
Sensitivity (1 W/1 m)	88 dB	87 dB	85 dB
Nominal Input Power	350 W	250 W	120 W
Maximum Input Power	1400 W	1000 W	500 W

a-CCELERATE SUBWOOFERS

	TS-W307D4	TS-W257D4	TS-W307D2	TS-W257D2	TS-W307F	TS-W257F
Composite IMPP™ Cone Using Interlaced Aramid Fibre	30 cm	25 cm	30 cm	25 cm	30 cm	25 cm
Dual Voice Coil	4 Ω	4 Ω	2 Ω	2 Ω		
Single Voice Coil					4 Ω	4 Ω
Frequency Response	18 – 500 Hz	18 – 600 Hz	18 – 500 Hz	18 – 600 Hz	20 – 2000 Hz	20 – 2500 Hz
Sensitivity (1 W/1 m)	89 dB	87 dB	89 dB	87 dB	94 dB	92 dB
Nominal Input Power	400 W	350 W	400 W	350 W	300 W	250 W
Maximum Input Power	1200 W	1000 W	1200 W	1000 W	900 W	700 W

BASS REFLEX SUBWOOFER

	TS-WX301
IMPP™ Composite Cone Woofer	30 cm
Frequency Response	20 – 400 Hz
Sensitivity (1 W/1 m)	95 dB
Nominal Input Power	150 W
Maximum Input Power	800 W

AMPLIFIED SUBWOOFERS

	TS-WX20LPA	TS-WX206A	TS-WX22A	TS-WX11A
Edgeless Construction IMPP™/Foam Composite Cone Woofer With Aluminium Die-Cast Frame And Strontium Magnet	20 cm			
IMPP™ Composite Cone Woofer With Strontium Magnet		20 cm	20 cm	
Oval Aluminium Cone Woofer				12.8 x 20.8 cm
Frequency Response	25 – 200 Hz	35 – 200 Hz	40 – 200 Hz	54 – 200 Hz
Sensitivity (1 W/1 m)	106 dB	107 dB	101 dB	101 dB
Nominal Input Power	100 W	60 W	60 W	50 W
Maximum Input Power	200 W	150 W	150 W	150 W

TS-WX77A

16 CM X 2 BACK-LOADED HORN ACTIVE SUBWOOFER

- Built-in MOSFET 200 W (100 W x 2) power amplifier
- 16 cm x 2 IMPP™ composite cone woofer with Strontium magnet
- Back-loaded horn design
- 16 litre poly-urethane skin wooden enclosure
- Heat-resistant 4-layer dual voice coil
- RCA/speaker level inputs
- Wired remote controller (6 m):
  - Input level control/phase switch
- Built-in variable LPF (50 - 125 Hz, -12 dB/Oct)
- Aluminium die-cast heat sink
- Nominal output power: 100 W (50 W x 2)
- 25 - 200 Hz, 102 dB (in-car)
- Dimensions (W x H x D): 890 x 350 x 82 mm

Thiele-small Parameters Chart

	TS-W8102SPL	TS-W5102SPL	TS-W3001D4	TS-W2501D4	TS-W307D4	TS-W257D4	TS-W307D2	TS-W257D2	TS-W307F	TS-W257F
Nom. Dia.(In)	15	12	12	10	12	10	12	10	12	10
Qts	0.310	0.340	0.604	0.721	0.520	0.540	0.440	0.480	0.730	1.050
Qms	5.720	7.600	13.988	14.157	13.990	12.940	13.170	11.400	9.220	10.770
Qes	0.330	0.360	0.631	0.759	0.540	0.570	0.450	0.510	0.800	1.160
Fs[Hz]	23.2	29.0	33.3	38.8	34.8	39.7	33.9	37.8	27.7	40.0
Vas[l]	70.14	26.72	11.83	6.27	40.87	18.15	42.21	19.12	98.16	34.18
Vas[ft^3]	2.479	0.944	0.418	0.222	1.443	0.641	1.491	0.675	3.467	1.207
Vd[l]	1.413	0.673	0.564	0.307	0.432	0.361	0.400	0.327	0.562	0.338
Vd[ft^3]	0.0499	0.0238	0.0199	0.0108	0.0153	0.0128	0.0141	0.0115	0.0198	0.0119
Sd[m^2]	0.0918	0.0585	0.0437	0.0313	0.0460	0.0314	0.0460	0.0314	0.0511	0.0360
Sd[ft^2]	0.988	0.830	0.471	0.337	0.495	0.338	0.495	0.338	0.550	0.387
Revc[ohm]	3.0	3.0	DUAL 3.3	DUAL 3.3	DUAL 3.0	DUAL 3.0	DUAL 1.5	DUAL 1.5	3.0	3.3
Levc[mH] at 2000Hz	5.560	5.090	5.55 (8 Ω) 1.39 (2 Ω)	4.80 (8 Ω) 1.20 (2 Ω)	3.55 (8 Ω) 1.04 (2 Ω)	3.59 (8 Ω) 1.07 (2 Ω)	2.18 (4 Ω) 0.65 (2 Ω)	2.20 (4 Ω) 0.63 (2 Ω)	0.934	0.856
Xmax[mm]	15.4	11.5	12.9	9.8	9.4	11.5	8.7	10.4	11.0	9.4
Xmax[In]	0.61	0.45	0.51	0.39	0.37	0.45	0.34	0.41	0.43	0.37
Zmax[ohm]	58.56	70.62	156.07 (8 Ω) 46.54 (2 Ω)	131.86 (8 Ω) 35.26 (2 Ω)	171.14 (8 Ω) 43.08 (2 Ω)	153.38 (8 Ω) 38.64 (2 Ω)	96.90 (4 Ω) 24.32 (2 Ω)	76.75 (4 Ω) 19.27 (2 Ω)	39.28	35.08
Bl[Tm]	33.640	30.180	29.94 (8 Ω) 15.12 (2 Ω)	24.28 (8 Ω) 11.97 (2 Ω)	20.54 (8 Ω) 10.27 (2 Ω)	19.29 (8 Ω) 9.64 (2 Ω)	15.90 (4 Ω) 7.95 (2 Ω)	14.50 (4 Ω) 7.25 (2 Ω)	9.220	7.930
Rms[Ns/m]	20.367	13.470	6.003	4.711	2.561	2.539	2.699	2.829	2.343	1.979
Mms[g]	800.11	550.50	401.32	273.53	164.05	131.52	166.72	137.27	124.00	84.78
Cms[m/N]	0.00006	0.0000535	0.00005704	0.00006163	0.00013000	0.00012000	0.00013000	0.00013000	0.000270000	0.00019000
Mg.Wt.[g]	11,000	9,100	3,110	2,400	2,350	2,100	2,350	2,100	1,200	940
Flux Density [Gauss]	5,700	5,800	5,900	5,500	7,400	7,200	6,900	6,700	8,900	8,100
Hag[mm]	30	30	24	23	10	10	10	10	10	10
Hag[In]	1.181	1.181	0.945	0.906	0.394	0.394	0.394	0.394	0.394	0.394
Hvc[mm]	61	53	50	43	29	33	27	31	32	29
Hvc[In]	2.392	2.087	1.961	1.681	1.134	1.295	1.079	1.213	1.260	1.130
VC.Diameter[mm]	85	76	65	55	55	48	55	48	48	40
Eff[%]	0.26	0.17	0.07	0.05	0.31	0.19	0.35	0.20	0.25	0.18
S.P.L.[dB]	91.0	89.0	92.0	90.0	89.0	87.0	89.0	87.0	94.0	92.0
R.M.S.Power[W]	3,000	2,500	1,000	800	400	350	400	350	300	250
M.M.P.[W]	8,000	6,000	3,000	2,500	1,200	1,000	1,200	1,000	900	700
Sp. Displacement[l]	8.00	6.10	5.12	3.31	2.16	1.64	2.16	1.64	2.05	1.26
Sp. Displacement[ft^3]	0.283	0.215	0.181	0.117	0.076	0.058	0.076	0.058	0.072	0.044
Recom. Enclosure[l]	70.75	42.5	22.64	16.98	35.4	22.64	35.4	22.64	150	150
Recom. Enclosure[ft^3]	2.5	1.5	0.80	0.60	1.25	0.80	1.25	0.80	5.3	5.3
Fq (in Cabinet)	32.7	37.0	41.0	45.4	51.1	53.3	50.2	51.3		
Qq (in Cabinet)	0.437	0.434	0.745	0.844	0.763	0.725	0.651	0.652		

Glossary

This glossary gives more information on all icons used throughout this catalogue. It has been organised alphabetically for your convenience.

10-colour display/buttons

Give your dashboard a more personal touch or better integrate your headunit with the car's colour scheme. Choose from 10 colours to separately customise your headunit's display and button colours. In addition, the 'Rainbow Mode' feature automatically runs through all colours in a loop, turning your dashboard into a visual feast.

16-character display (1-line, 2-line, 3-line)

To make it easy to read basic tuner information such as radio station frequencies, track titles and artist names, some Pioneer headunits have been fitted with either a 1-line, 2-line or 3-line 16-character display. Depending on the headunit, it also facilitates browsing through the songs stored on a USB audio player or USB stick or through the contacts listed on your Bluetooth®-enabled mobile phone.

3-band parametric equaliser (PEQ)

The 3-band equaliser allows you to adjust the equalisation to match your car's acoustics. To ease usage even further, 6 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom and Super Bass. 3 bands can be adjusted in band-specific steps from +6 to -6, namely EQ-L (low), EQ-M (mid) and EQ-H (high).

7-band graphic equaliser (GEQ)

With Pioneer's 7-band graphic equaliser, you can customise the equalisation levels to best match the acoustics of your car. To ease usage, 7 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom 1, Custom 2 and Super Bass. 7 bands (50 Hz, 125 Hz, 315 Hz, 800 Hz, 2 kHz, 5 kHz and 12.5 kHz) can be adjusted in band-specific steps from +6 to -4, or -6, depending on which equaliser curve is selected.

Advanced DSP

Advanced DSP combines a number of innovative technologies, including the Burr-Brown 1-bit DAC with 24-bit resolution, Advanced Auto Time Alignment and Auto EQ, to achieve sound-tuning perfection.

Advanced Sound Retriever (ASR)

Compressed audio such as MP3 may be convenient, but it can result in inferior sound quality. The Pioneer ASR restores the quality of compressed audio files such as MP3 to the level of the original recording.

Ambiance sound control

Ambiance sound control offers a number of preset equalisation curves, which allows you to optimise the music staging. Depending on the music you want to play, you can choose one of the 4 preset curves: Music Studio, Dynamic Theatre, Actor's Stage or Living Room.

ARC/5

The Automatic Reception Control system increases sensitivity and improves FM reception.

Auto-flap mechanism

The front panel on headunits equipped with the auto-flap mechanism slides open at the touch of a button to reveal the CD slot.

Aux-in terminal (front/rear)

Hook up your portable compressed audio player or audio-enabled PDA using the front or rear Aux-in connection of your headunit and enjoy your own digital music en route. Some AV headunits even allow you to connect your iPod via the optional CD-V150M, without requiring an IP-Bus connection.

Blue OEL display

Pioneer's Pure Blue OEL (Organic Electro-Luminescent) displays make a stylish statement in any car's interior. Customise your display with a variety of preset high-quality stills and motion graphics. In addition, OEL technology allows for wide viewing angles, active 3D visuals, and high contrast and brightness – even in sunlight.

Bluetooth® adapter ready

Headunits that are Bluetooth® adapter ready can be hooked up to either the CD-BTB200 or ND-BT1 Bluetooth® adapters so you can enjoy the freedom of true wireless in-car telephony. This add-on solution makes sure your headunit automatically picks up your Bluetooth®-enabled* mobile phone's signal. The CD-BTB200 also incorporates the audio profile to enable audio streaming from a Bluetooth®-enabled mobile phone or portable audio player.

** Find out whether your mobile phone is compatible at www.pioneer.co.uk*

CD-R/CD-RW compatibility

All Pioneer CD headunits can play back CD-R/CD-RW discs, allowing you to enjoy your favourite compilations in your car.

CD text

Use the CD text feature to view text information from a music CD (which has been encoded with CD text data). By pushing the display key, you can scroll between disc title, track title and artist name.

Cellular telephone auto muting

This feature automatically reduces the volume of your system when an incoming call is detected or you dial an outgoing call on a cellular phone installed in your car.

D4Q

D4Q is Pioneer's digital AM/FM tuner. It uses a digital processing technique that improves the audio performance and selectivity of the receiver, so you can enjoy high-quality radio without interference.

D4Q+

The D4Q+ tuner ensures improved FM stereo reception and separation. It helps to eliminate unwanted interference from external, car-related noises when listening to AM frequency channels. It also reinforces noise reduction in weak signal areas, and raises AM sensitivity – for a refined and superior radio performance.

Direct sub drive

Direct sub drive is an easy solution for lovers of booming bass, which allows you to hook up a subwoofer without the need for an additional amplifier.

Disc title memory

Disc title memory enables you to programme a descriptive title for a CD of up to 10 characters in length, which will be displayed every time you play that CD.

Dual button illumination

Switch the front panel illumination colour between red and blue to match your dashboard.

DVD-R/DVD-RW

Play back DVD-R/DVD-RW discs and enjoy your favourite compilations in your car.

DVD source control

DVD source control allows Pioneer headunits with IP-Bus connectivity to control an external DVD changer/player.

Easy Connector

Most 17 cm and 13 cm custom-fit speakers are equipped with a handy Easy Connector, making it easier to cable them with the car's speaker connections.

Hard Disk Drive (HDD)

The AVIC-HD3II comes with a built-in Hard Disk Drive that contains all navigation data. It intelligently recognises and stores your frequently-used journeys, eliminating the need to re-input your regular routes. You can also store up to 160 hours of music on the system's HDD.

High Pass Filter/Low Pass Filter

A High Pass Filter is a filter that passes high frequencies well, but attenuates (or reduces) frequencies lower than an adjustable cut-off frequency. For example, when you do not want low sounds to play from the tweeters or mid-range speakers, turn on the HPF (High Pass Filter) on the tweeters' or mid-range speakers' channels. Only frequencies higher than the cut-off frequency are outputted from the tweeters or mid-range speakers.

A Low Pass Filter is a filter that passes low frequencies well, but attenuates (or reduces) frequencies higher than an adjustable cut-off frequency. For example, when you do not want high sounds to play from the subwoofer, turn on the LPF (Low Pass Filter) on the subwoofer channel. Only frequencies lower than the cut-off frequency are outputted from the subwoofer.

Hi-volt pre-out

By providing a strong signal with less noise and more definition, the hi-volt pre-outs reduce demand on the input circuit of the amps so they can work with lower gain settings. This results in improved sound quality and a wider dynamic range.

IP-Bus control

Pioneer headunits with an IP-Bus connection allow you to hook up a wide variety of source units, thus expanding your in-car experience even further. The IP-Bus connection is used to hook up, for example, hide-away TV tuners and DVD players, or Pioneer's Bluetooth®, iPod and USB adapters.

iPod adapter ready

These headunits are ready to be used with the iPod adapter CD-IB100 II. You have full control of your iPod via the adapter, either from your headunit or via the steering wheel remote control. As an extra, the adapter doubles as a battery charger for the iPod.

iPod Direct Control

Headunits with iPod Direct Control let you control your iPod directly from your headunit. Simply hook up your iPod to your headunit using an optional cable and you're set.

Memory Navi

Using Pioneer's DVD Navi System's built-in Memory Navi feature could not be any more convenient. Simply insert the map navigation disc, search for a destination, and choose a route, and the map data for the route (with surrounding corridor) will be loaded automatically into the navigation unit's memory. During downloading, you can already start driving to the destination, guided by navigation instructions. Once the route is loaded, the DVD map disc can be exchanged for a single CD, MP3 CD or DVD-Video disc. If the journey is longer than the available memory capacity, the system will request you to reinsert the navigation disc to load an extra stretch of map data. The unit is so clever it remembers exactly where the CD or DVD was removed and plays again from where it left off.

MOSFET 50 W x 4

The MOSFET 50 W power amp boosts audio performance levels by using semiconductor technology. Characteristics such as low loss, low audio distortion, eliminated switching distortion and a wide power band combine to give MOSFET 50 W x 4 headunits 50 W x 4 of sonic clarity, matching the best component amplifiers.

Multi-language user interface

Select from up to 7 languages (English, French, German, Italian, Spanish, Dutch or Russian) to navigate the headunit's display menu in your language of choice.

OEM display output

The OEM display output enables you to connect your headunit to your car's existing digital display. Basic tuner information (such as frequency and CD track number) is outputted through the IP-Bus connection via an optional interface.

OEM remote control ready

If your car features an existing steering wheel remote control, you can connect it to your headunit and take full control via that remote control. By using an optional OEM remote control adapter, the headunit can be hard-wired directly to the car's original remote control system via the mini-jack input at the back of the headunit. A simple, convenient and safe feature that lets you keep both hands on the wheel.

Radio Data System (RDS)

RDS attaches additional (digital) information along with FM broadcasts. This information is used by your RDS tuner for a wide variety of features:

- AF (Alternative Frequency) ensures that you can continue listening to your favourite radio channel without any interruption. When your current frequency is nearly out of reach, the system automatically switches to a frequency with better reception – without you ever noticing.
- PI (Programme Identity) Seek will automatically search for a different station with the same programming, if the tuner can't find a suitable station, or reception status becomes bad.
- TA (Traffic Announcement) lets you receive traffic announcements automatically, no matter what source you are listening to. Playback of any source you're listening to at that moment will be interrupted.
- PTY (Programme Type) allows you to search quickly and easily for radio channels that broadcast within a certain theme, such as News, Weather, Pop, Rock, etc.

Radio text

These tuners can display radio text data transmitted by RDS stations, such as station information and the title and artist of the song being broadcasted.

RCA pre-outs (1, 2, 3)

RCA pre-outs enable you to easily expand your sound system. Depending on whether your headunit comes with 1, 2 or 3 RCA pre-outs, you can customise your sound system with separate amplifiers for the front speakers, the rear speakers, and/or a subwoofer. The RCA pre-outs let you create the exact sound you want, with the focus on complete flexibility.

Rotary commander

You can control all of the headunit's functions with the rotary commander single dial. The rotary commander works like a joystick, giving you speedy control over the headunit. Rotate it left or right, push it up, down, left or right, or press it to navigate joystick-style through different radio stations, or to access folders and files.

Sound Focus Equaliser (SFEQ)

Independently control bass and treble settings for front and rear for easy customisation of the total sound.

Source Level Adjuster (SLA)

The Source Level Adjuster allows you to independently adjust the volume ratio between all of the headunit's sources (using the FM volume level as a reference), so the start-up volume between sources will always be the same.

TV control

TV Control allows Pioneer headunits with IP-Bus connectivity to control a hide-away analogue TV tuner.

USB adapter ready

These headunits are ready to be used with the USB adapter CD-UB100. Pioneer offers you the freedom to boost your drive with your digital music collection on a USB-fitted portable audio device. The CD-UB100 USB adapter hooks up effortlessly via your headunit's IP-Bus connection and lets you manage your digital tunes via the headunit.

Note: Not compatible with DRM content and MTP connection players.

USB-in (Front/Rear)

Using the integrated front or rear USB-in terminal, it takes only seconds to expand your system with a USB stick with audio content or a USB audio player and play your compressed audio files. Controlling the device can be done from the headunit or via a remote control.

White OEL

Pioneer's White OEL (Organic Electro-Luminescent) displays make a stylish statement in any car's interior. OEL technology allows for wide viewing angles, active 3D visuals, and high contrast and brightness – even in sunlight.

sound.vision.soul

Pioneer World

Forget yesterday's limits, this is tomorrow's technology, Pioneer style.
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Published by:
Pioneer Europe N.V. - *Haven 1087, Keetberglaan 1*
B-9120 Melsele, Belgium. Tel.: +32 (0)3 570 05 11
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08-C-CONSGUIDE-UK – Printed in Belgium. As a part of Pioneer's commitment to a cleaner environment and the protection of the earth, this catalogue has been printed on chlorine-free paper.